

NAME: _____

Super

Understanding of

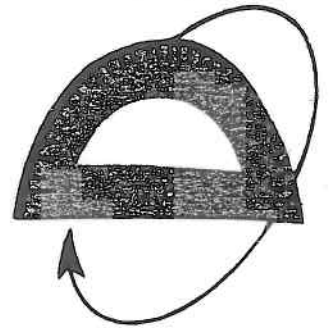
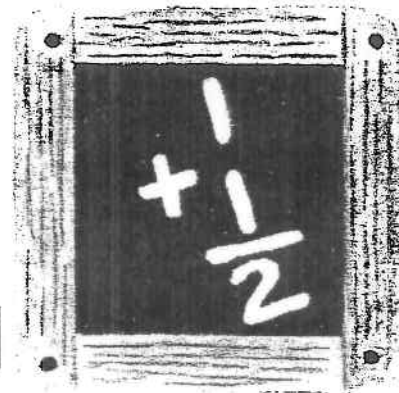
Mathematics

Magnifies

Everything

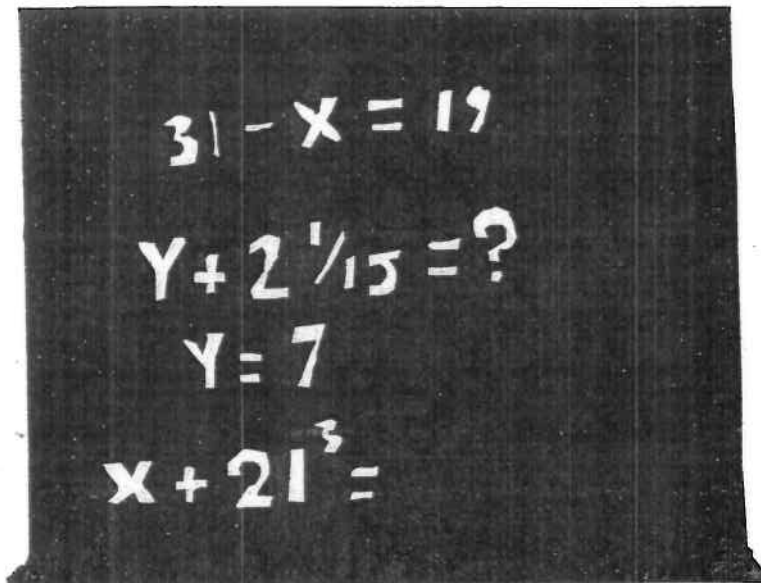
Reviewed in school

First Grade



Garrett Park

E.S.





Summer Math Calendar

Going into Second Grade



Directions: We challenge you to dive in and practice your math skills this summer! You may choose to complete all 5 activities a week or at a minimum, 3 a week (21 activities total). Feel free to extend any of the activities listed. When the work is completed, have a parent initial that activity in the box. You may do your work in a journal; however simply hand in the initialed calendar to your teacher on the first day of school. Good Luck! ☺

Monday	Tuesday	Wednesday	Thursday	Friday
Roll two dice and practice addition and subtraction by adding or subtracting the two numbers. Write the number sentences and solve.	How many ways can you make 25 cents using pennies, nickels, dimes, and quarters?	Jump rope and count by tens to 100. Try counting backwards.	Tell the time that you go to bed to the closest hour or half hour. Draw a picture of the clock's hands for that hour.	Today's number is 12. Make 12 by: adding two numbers, subtracting two numbers, adding three numbers etc.
Blow a marble, a bottle cap and a pencil across a table. Measure how far they go. Which goes the farthest? By how much?	Make a 3-D shape using mini marshmallows and toothpicks. How many corners does your shape have? How many edges?	Draw a number line and solve the word problem below: Keira was 6 years old when she lost her first tooth. Now she is 3 years older. How old is Keira now?	Model the number 47 by drawing base ten blocks. Then draw the number that is ten more and ten less than 47.	Make a tally chart by collecting data on something of your choice (ie., how many doors, windows and beds in your house, how many family members like chocolate, vanilla or strawberry ice cream etc.)
Use your tally chart from Friday's activity and make a pictograph of your data. Be sure to add a title, labels and a key!	Write your own word/story problem and have a parent or guardian solve it. Then have your parent/guardian write you a word problem and now you solve it!	Roll 2 die and record your numbers. Use the numbers to create a fact family. Write your 4 fact family number sentences and solve.	Have a parent time how long it takes you to find the unknown in the 8 number sentences below. $__ + 7 = 12$ $9 = __ - 4$ $3 = 10 - __$ $__ = 17 - 9$ $15 = __ + __$ $11 - __ = 6$ $7 + __ = 14$ $__ = 6 + 9$	Choose an appropriate strategy to solve the following problems (i.e, add tens and tens and ones and ones, number line, drawing concrete models. $__ = 26 + 50$ $56 + 8 = __$ $70 - 30 = __$ $36 + 7 = __$
Look at the clock at 4 different times throughout the day and record the time. (to the hour and half hour) Remember to use am or pm!	Have a parent/guardian draw a picture of a clock (to the hour or half hour) and write the time. Read the time aloud using vocabulary such as (half past or o'clock).	Draw a picture by composing at least 3 different shapes. Write a sentence about your picture.	Partition a circle into halves and then fourths. Explain to a family member what happens to the shares when you partition them from halves to fourths.	Write a two digit number on paper. Mentally find the number that is 10 more and 10 less than your number.

Name: _____

MATH ACTIVITIES YOU CAN DO AT HOME

The bold words at the beginning of each activity indicate the focus or skilled covered.

1. **ESTIMATE:** Children practice estimation in real life situations and explain how they came to that conclusion.

For Example:

- Have your child estimate the cost of a few items when you go to the supermarket.
- Have your child estimate how long (miles) and/or the time it will take to get to a certain destination when traveling.
- Estimate how much the bill might be at a restaurant.
- Estimate how much it will cost to fill the car with gasoline.

2. **PERFORMING A TASK:**

For Example:

- Cook with your children. Ask them to read the recipe, measure out the ingredients and follow all the instructions. Ask them to restate the procedure in their own words. * As a challenge have them calculate the portions of each ingredient for doubling or tripling a recipe.
- Play board games with your children. Have them read the directions and explain how to play the game.
- Talk to your child about the sequence of events of their day. They should be able to explain events using detail and support any conclusions about what has happened. Can they use vocabulary specific to the topic when speaking?

3. **DECISION-MAKING, MAKING CHANGE, EXPLAINING THINKING:** Children must make decisions, this is an opportunity for your child to explain their thinking - why they chose that strategy or solution.

For Example:

- While playing games involving money, have your children be the “banker” and use addition and subtraction strategies for giving change.
- Pay a cashier the proper amount of money that is owed or count change from a purchase.
- Ask your child to budget the cost for your family for an activity based on the fare or fee for one person.

4. **INTREPRETING DATA:** Have your child scan the newspaper for charts, tables, and graphs. Ask your child to interpret these data displays and identify the important elements of them. Ask questions related to the charts, tables, and graphs.

5. **TIME** – Students should tell time using a clock with hands. Review with them certain times of the day – getting up, meals, going to bed. Also, refer to morning and evening times (A.M. and P.M.). Also, refer to the days of the week and the months of the year, using a calendar.

Other activities:

- Determine the amount of time taken to complete certain activities over the course of several days, a week, or a month.
- When planning a family activity, ask your child how much time will be needed to do an activity – what time will it start and finish.
- Ask about the amount of time for cooking/baking foods.
- Calculate how many days, hours, minutes, and even seconds old a person is.

6. CONNECTIONS TO REAL LIFE EXPERIENCES: Applying math concepts in real life experiences. This will make math more meaningful to your child if they see how the skills and concepts they have learned in class can be applied outside the classroom.

For Example:

- Use of fractions – in cooking, find them in the newspaper
- Measurement – use a measuring tape or rule to measure different objects around your home.
- Identify examples of different shapes in your home and your surroundings – circle, square, rectangle, triangle, sphere, cylinder, cube, etc.
- Identify examples of horizontal, vertical, parallel, intersecting, and perpendicular lines (example – telephone wires and streets)
- Figure out the tax to add on the purchase of items or food.

7. PROBLEM SOLVE: Managing multi-step problems. Is your answer correct and thorough? Is your child using math vocabulary to solve the problems? Can they answer questions that begin “How to...?” “When do you...?” What operation do you use and why?

8. BASIC MATH FACTS AND COMPUTATION SKILLS: Practice math facts with your child. They can make flash cards and practice just a few minutes a day.

9. WEBSITES TO EXPLORE: see back of calendar for websites

<http://www.allmath.com/>

This site has flash cards and links to other sites for games, math humor, worksheets, math help and more.

<http://www.aplusmath.com>

This site has basic facts flash cards and a game room, worksheets, multiplication table practice and more.

<http://www.mathfactcafe.com>

This site has a pencil next to pre-made cards so kids can do the facts and have the computer check them. Kids can print them out and also put in their own numbers and make their own worksheets.

<http://www.funbrain.com>

This site has easier to harder addition and subtraction computation and problem solving. It also has language and grammar skills activities

<http://www.dositev.com/>

This site is a lot of fun and is good for 2 digit addition with and without regrouping

<http://www.24game.com>

This site has math games using basic operations

<http://www.coolmath4kids.com>

This site has a wide range of topics and will give you step-by-step instructions.

<http://www.abc.net.au/countusin/games>

Each game is designed to help kids understand basic concepts in math. This site has a variety of math games i.e. volume, length, halves, chance, numbers, time, sorting, subtraction, and addition. It is better for students of the primary grades.

<http://www.learningplanet.com>

This site has games by grade level but with advertisement and a subscription. There are some free games.

<http://www.gamequarium.com>

This site has math activities for K-6.

<http://www.SETGame.com>

This is a card game to build students' visual thinking and pattern skills in math. Commercial, but does have some great free puzzles.

<http://www.math.com>

Good resource of how to do problems

<http://www.mathcats.com>

This is an interactive fun site

<http://www.spikesgamezone.com>

Lots of math games

<http://www.funschool.com>

This site has games, but also commercial advertising

<http://www.figurethis.org>

This site gives you ideas for fun hands-on math activities. Good for upper grades

<http://www.kidsites.com>

List of sites for math as well as other subjects.

<http://timezattack.com>

FREE home version for practicing multiplication facts (also new versions for division, addition, and subtraction!)

<http://abcya.com>

Loads of math games for K-5 as well as games for reading and language arts

A**1***Thirty addition facts, sums less than ten***THE MAD MINUTE**

$$\begin{array}{r} 0 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +1 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ +1 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ +1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ +1 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ +6 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +7 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ +8 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ +9 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ +7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +8 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ +7 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ +6 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +8 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ +9 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ +9 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ +6 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +9 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ +8 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +6 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +7 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ +8 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ +9 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +9 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +8 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +8 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +6 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +6 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ +8 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ +7 \\ \hline \end{array}$$

Thirty subtraction facts, minuend less than ten

$$\begin{array}{r} 6 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ -1 \\ \hline \end{array}$$

Thirty subtraction facts, minuend ten or more

THE MAD MINUTE

$$\begin{array}{r} 14 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ -8 \\ \hline \end{array}$$

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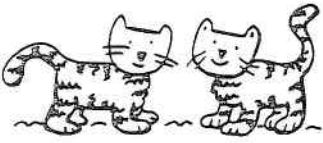
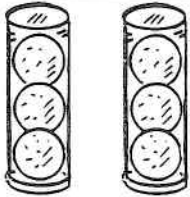
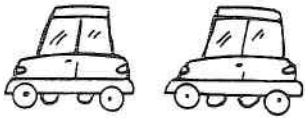

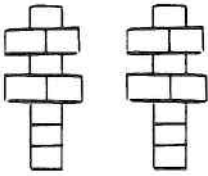
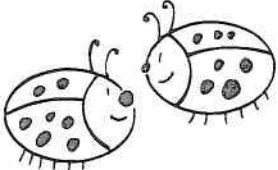
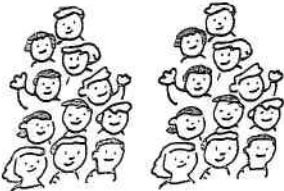
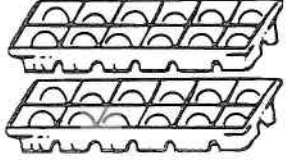
$$\begin{array}{r} 16 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ -7 \\ \hline \end{array}$$

Double Fun

Adding:
Identical
1-Digit Addends

Write an equation for each problem. Then find the sum. The first one has been done for you.

<p>1 How many tails?</p>  <p><u>2</u></p> <p><u>1</u> + <u>1</u> = <u>2</u></p>	<p>2 How many tennis balls?</p>  <p>_____</p> <p>_____ + _____ = _____</p>
<p>3 How many wheels?</p>  <p>_____</p> <p>_____ + _____ = _____</p>	<p>4 How many toes?</p>  <p>_____</p> <p>_____ + _____ = _____</p>
<p>5 How many squares?</p>  <p>_____</p> <p>_____ + _____ = _____</p>	<p>6 How many spots?</p>  <p>_____</p> <p>_____ + _____ = _____</p>
<p>7 How many soccer players?</p>  <p>_____</p> <p>_____ + _____ = _____</p>	<p>8 How many eggs?</p>  <p>_____</p> <p>_____ + _____ = _____</p>

Draw a picture to match each equation. Then write the sum.

<p>9 faces</p> <p>2 eyes + 2 eyes = _____ eyes</p>	<p>10 spiders</p> <p>8 legs + 8 legs = _____ legs</p>
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Name _____

One-Digit Problem Solving

Read each word problem. Decide if you should add or subtract. Write a number sentence for each problem. Write the answer with a label.

1. Merritt had 6 oranges. He ate 2 of the oranges. How many oranges does he have left?

Number sentence: _____

Answer: _____

2. Jenni collects shells. Last summer she found 5 shells. This summer she found 4 shells. How many shells does Jenni have in all?

Number sentence: _____

Answer: _____

3. Carter made 4 cupcakes in the morning. In the afternoon, he made 4 more cupcakes. How many cupcakes did Carter make in all?

Number sentence: _____

Answer: _____

4. Shannon saw 8 birds in a tree. Then, 3 birds flew away. How many birds were left?

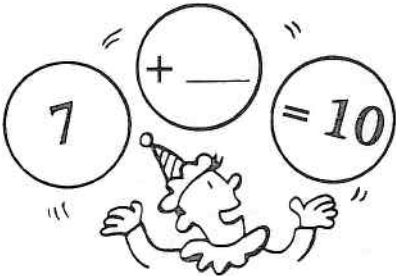
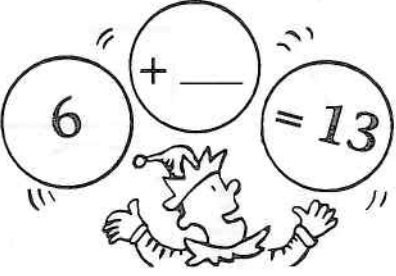
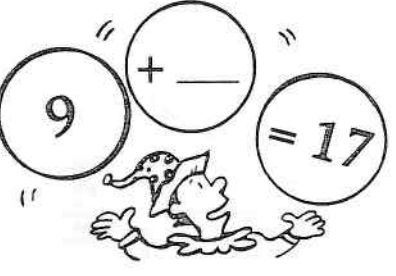
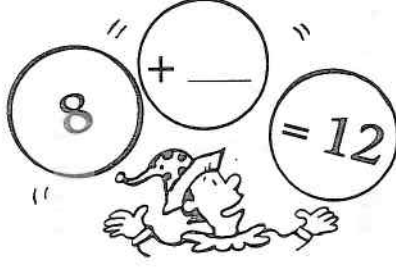
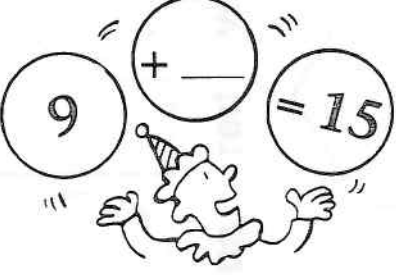
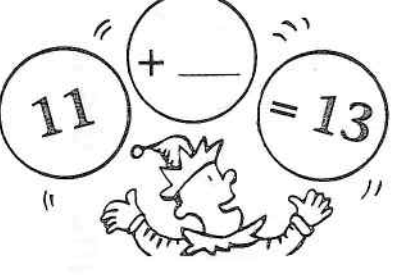
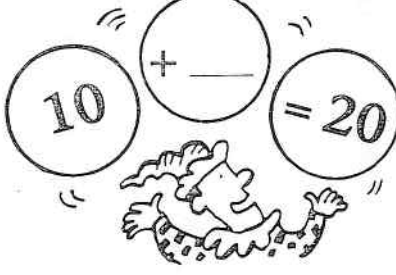
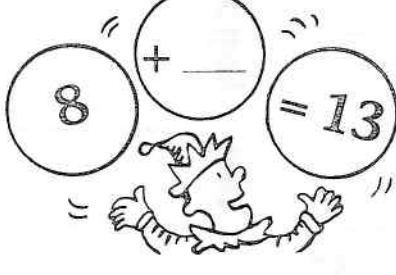
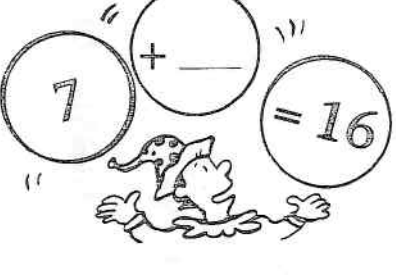
Number sentence: _____

Answer: _____

Number Juggle

Adding:
Finding Missing
Addends

Help each clown find the missing number that is needed to complete the equation. Write the number on the ball. Use the back of the page to show how you got your answers.

<p>1</p>  <p>7 + \square = 10</p>	<p>2</p>  <p>6 + \square = 13</p>	<p>3</p>  <p>9 + \square = 17</p>
<p>4</p>  <p>8 + \square = 12</p>	<p>5</p>  <p>9 + \square = 15</p>	<p>6</p>  <p>11 + \square = 13</p>
<p>7</p>  <p>10 + \square = 20</p>	<p>8</p>  <p>8 + \square = 13</p>	<p>9</p>  <p>7 + \square = 16</p>

10 Write the missing numbers in order from smallest to largest.

Name _____

Count to 100. Complete the hundred chart.
Think about what numbers come before, after, and between.

1.

1	2		4					9	
		13		15			18		
21	22	23	24	25	26	27	28	29	30
31		33	34			37			
	42			45					
		53							
61					66				
	72							79	
81					86				
	92								100

Write the missing numbers.


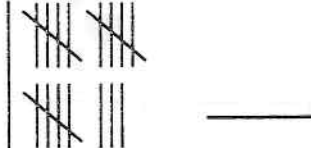
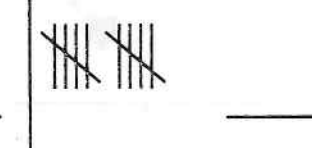
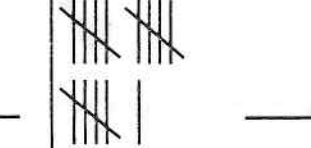
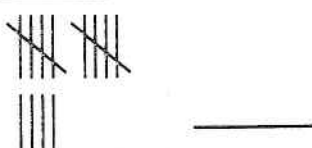

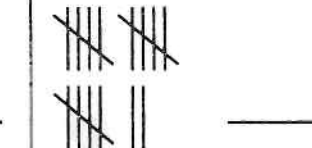
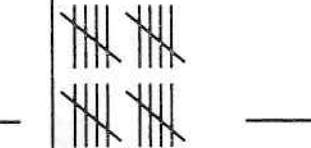
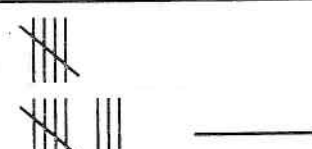


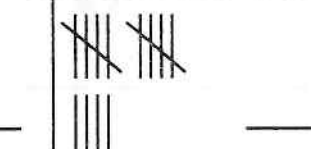
2. 30, _____, _____, 33, _____, 35, _____, _____, 38, _____

3. 40, _____, _____, 43, 44, _____, _____, 47, _____, _____



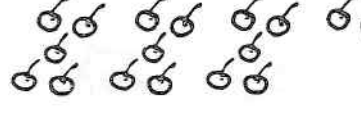

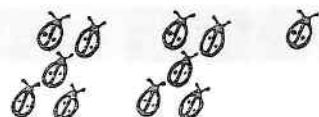

Name _____

Super Tallies

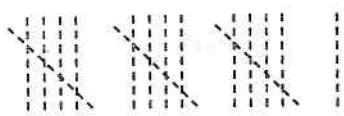
A. Read the tally marks. Write the numbers.

 _____	 _____	 _____	 _____
 _____	 _____	 _____	 _____
 _____	 _____	 _____	 _____

B. Count and tally.

 _____	 _____	 _____
 _____	 _____	 _____

C. Tally one more than . . .

15		12
17		18

What comes before?

4. 80, 81
____, 30
____, 56

5. 24, 25
____, 69
____, 38

6. _____, 40
_____, 81
_____, 26

What comes after?

7. 63, 64
89, _____
40, _____

8. 98, 99
85, _____
47, _____

9. 50, _____
64, _____
88, _____

What comes between?

10. 25, 26, 27
49, _____, 51
30, _____, 32

11. 23, _____, 25
38, _____, 40
60, _____, 62

12. 32, _____, 34
58, _____, 60
97, _____, 99

Problem Solving
Reasoning

Use the hundred chart.

13. What number is 10 more than 62? _____

14. What number is 10 less than 54? _____

15. What number is 1 more than 99? _____

★ Test Prep

Which number is between 64 and 66?
Mark the space for your answer.

16

45

53

61

65



Family Note

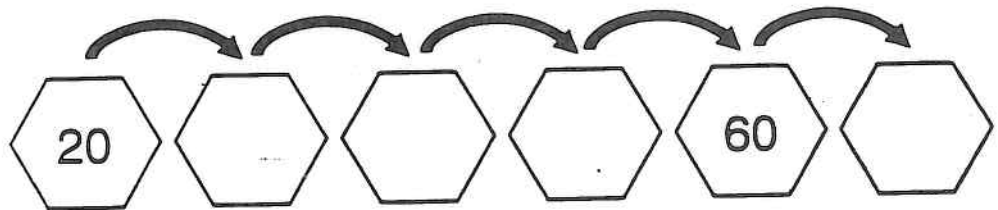
Children continue to work with place value and base-10 blocks. One of the activities in this lesson was to count up and back by 10s from any number. On this page, your child will continue to explore what happens to the digits in a numeral when counting by 10s. Note that the Challenge problem may be difficult for your child because it requires working backward to complete the first frame.

Please return this Home Link to school tomorrow.

Find the missing numbers in these diagrams.

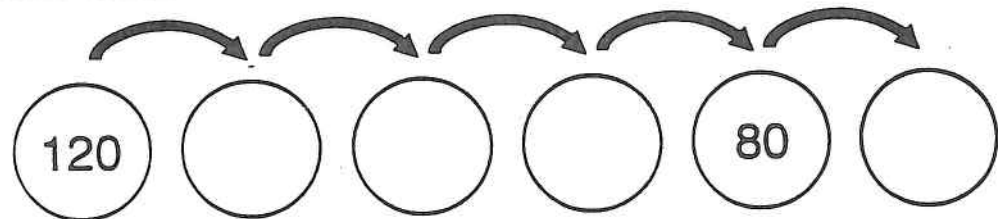
1.

Rule
+10



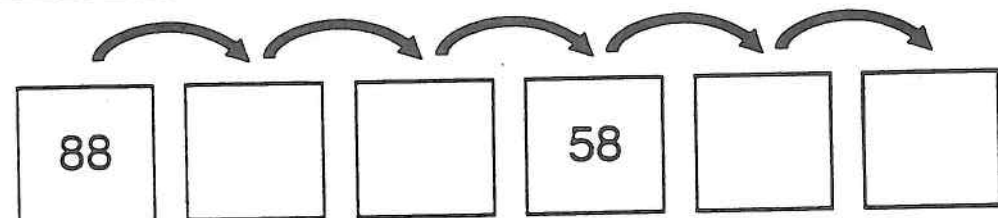
2.

Rule
-10



3.

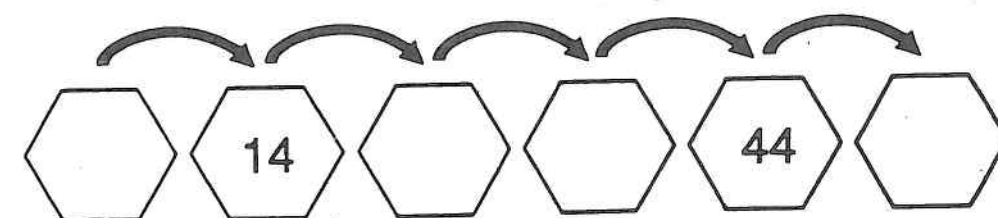
Rule
Count back by 10s



Challenge

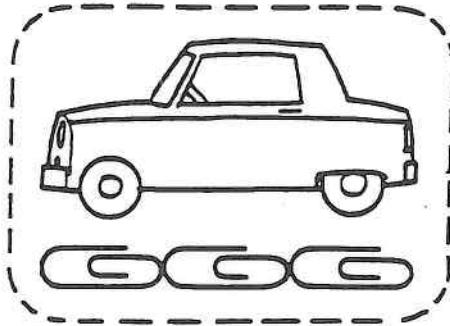
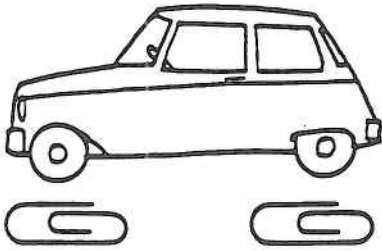
4.

Rule
Add 10



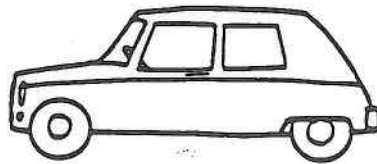
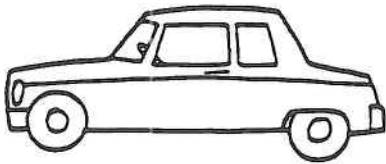
Ring the correct way to measure. How long?

1.



3 

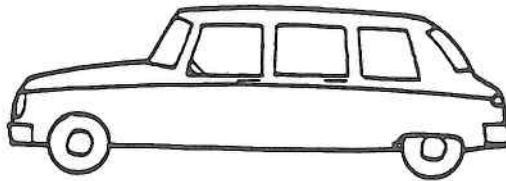
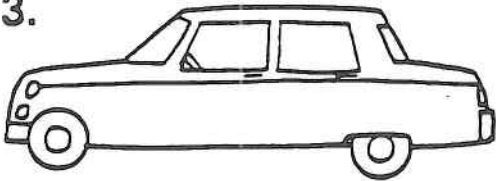
2.



___ 



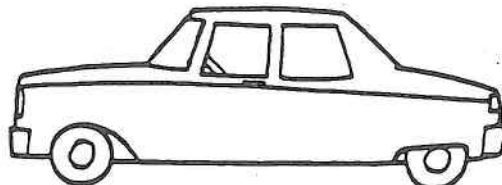
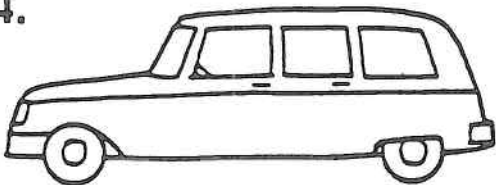
3.



___ 



4.

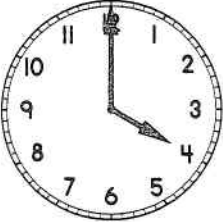
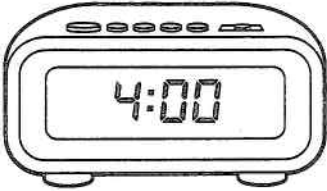


___ 

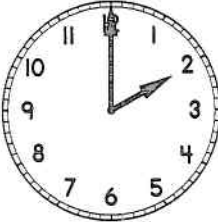


Study the example below. Write the time for each clock on the line provided.

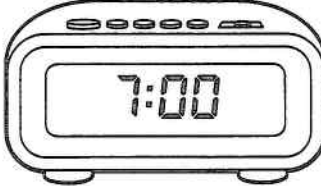
Example:


4 : 00

1. 

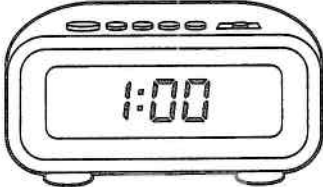
_____ : _____

2. 

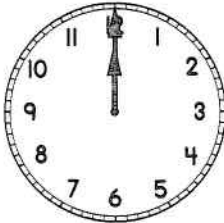
_____ : _____

3. 

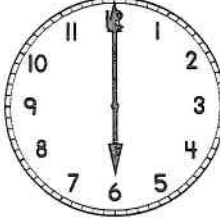
_____ : _____

4. 

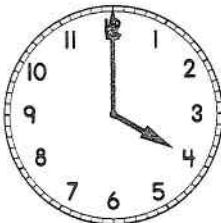
_____ : _____

5. 

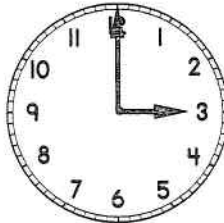
_____ : _____

6. 


_____ : _____

7. 

_____ : _____

8. 

_____ : _____

9. 

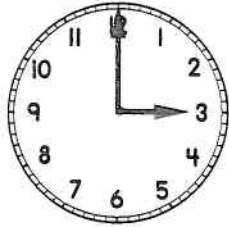
_____ : _____

Name _____

Time to the Half-Hour

Study the examples below. Write the time for each clock on the line provided.

Examples:



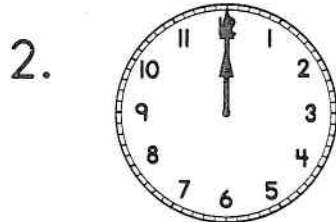
3 o'clock
3 : 00



half past 3
3 : 30



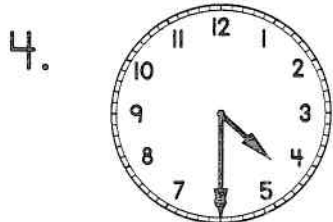
half past _____
_____ :



_____ o'clock
_____ :



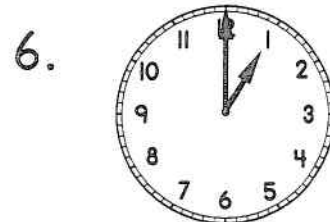
half past _____
_____ :



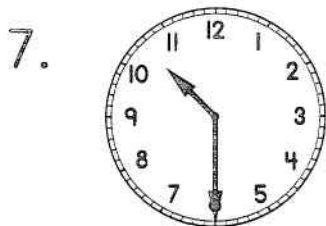
half past _____
_____ :



half past _____
_____ :



_____ o'clock
_____ :



half past _____
_____ :



_____ o'clock
_____ :



half past _____
_____ :

Total Problems:

Total Correct:

Score:



Family Note

Before today, we have been learning to tell time on the hour and the half-hour. Today we began to learn how to tell time on the quarter-hour.

Record the time.

1.



_____ o'clock

2.



half-past

_____ o'clock

3.



half-past

_____ o'clock

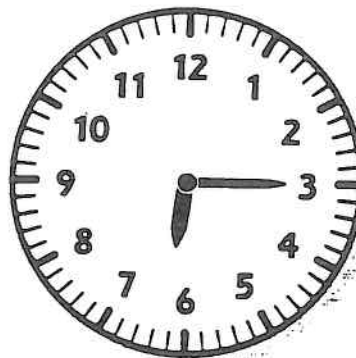
Challenge

4.



_____ o'clock

5.



quarter-past

_____ o'clock

6.

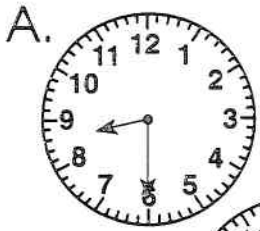


quarter-to

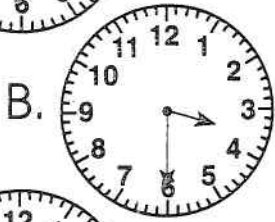
_____ o'clock

What Time Is It?

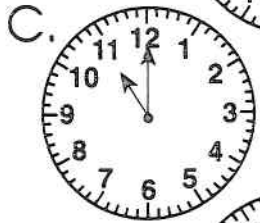
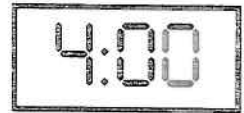
Match.



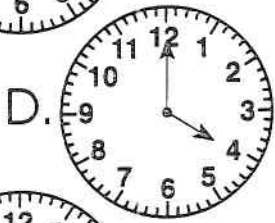
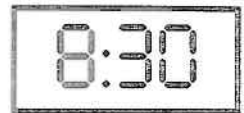
twelve o'clock



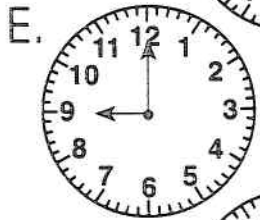
nine o'clock



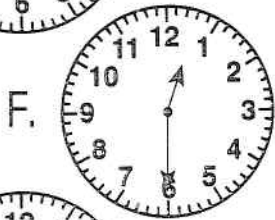
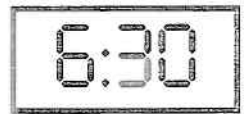
three-thirty



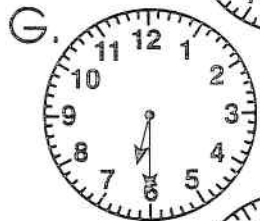
twelve-thirty



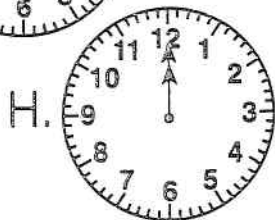
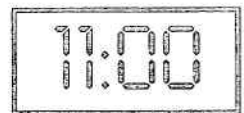
four o'clock



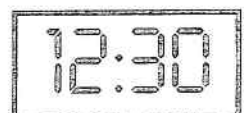
six-thirty

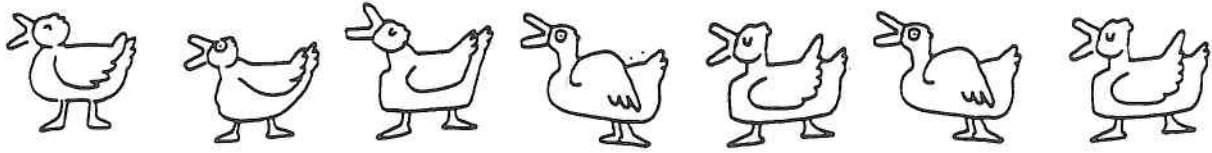


eight-thirty



eleven o'clock

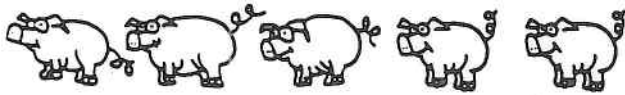




1st 2nd 3rd 4th 5th 6th 7th
 first second third fourth fifth sixth seventh

Look at the ordinal number.
 Ring the object.

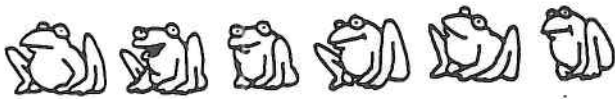
1. 5th



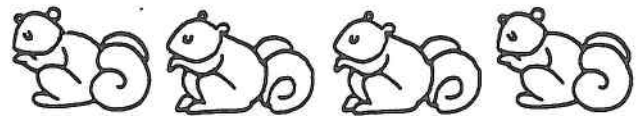
2. 2nd



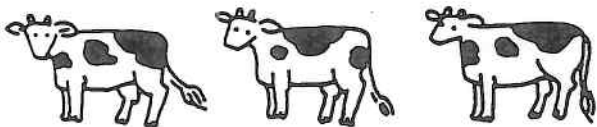
3. 6th



4. 1st



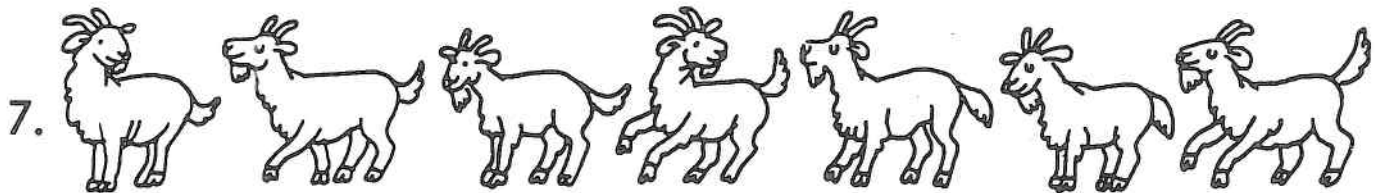
5. 3rd



6. 4th



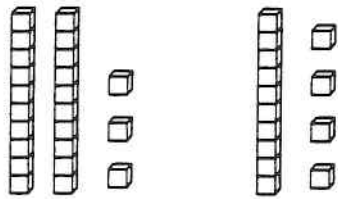
Complete the ordinal numbers.




_____st _____nd _____rd _____th _____th _____th _____th

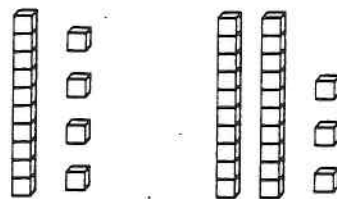
Use $<$, $=$, or $>$


The mouth faces the greater number.



23  14
 23 $>$ 14

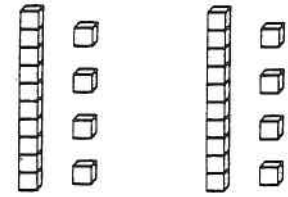
23 is greater than 14.



14  23
 14 $<$ 23

14 is less than 23.


Equal numbers use an equal sign.

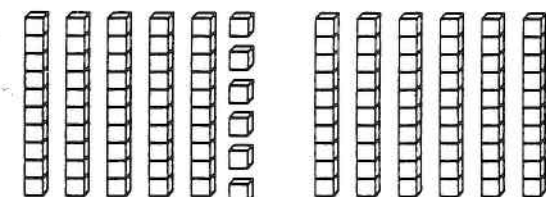



14 = 14

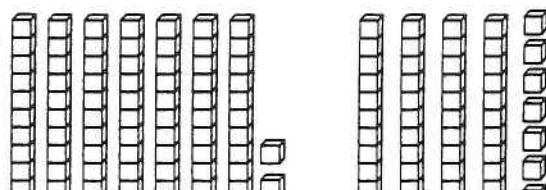
14 is equal to 14.

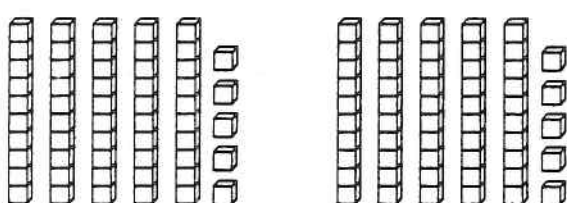
Write $<$, $=$, or $>$.

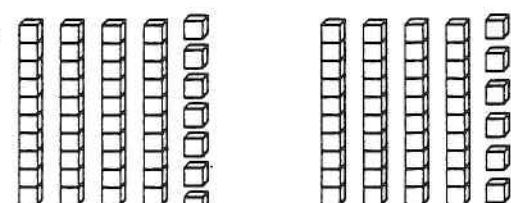
1. 
 32 23

2. 
 56 60

3. 
 24 42

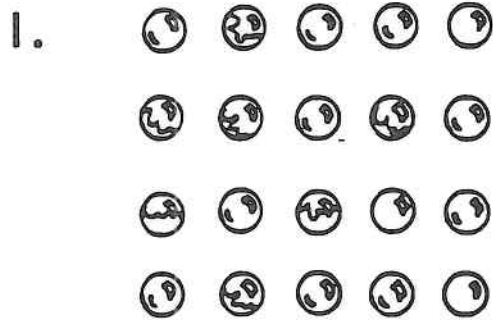
4. 
 72 47

5. 
 55 55

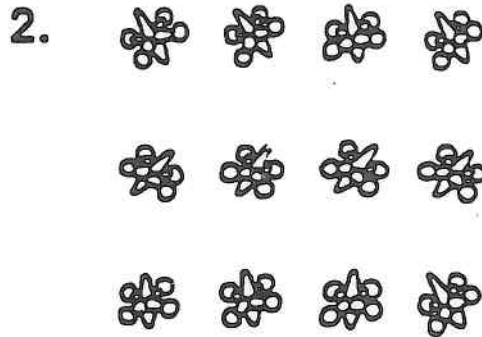
6. 
 47 46

Ring Tens

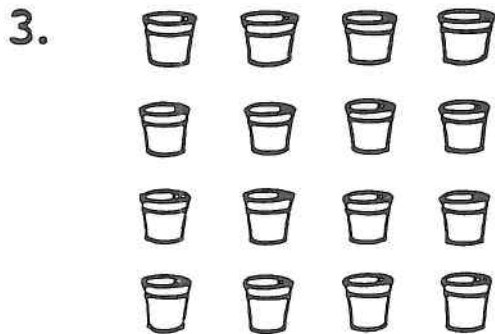
Instructions: The children ring as many groups of tens as possible and then record how many tens and ones.



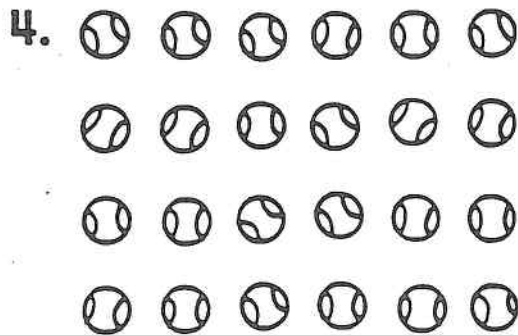
___ tens ___ ones



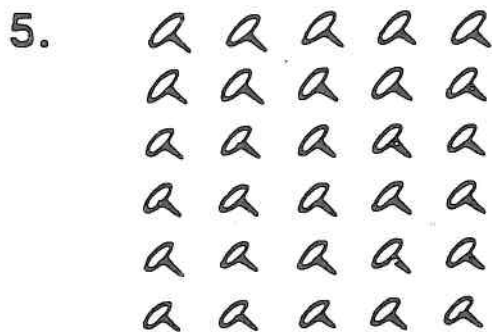
___ ten ___ ones



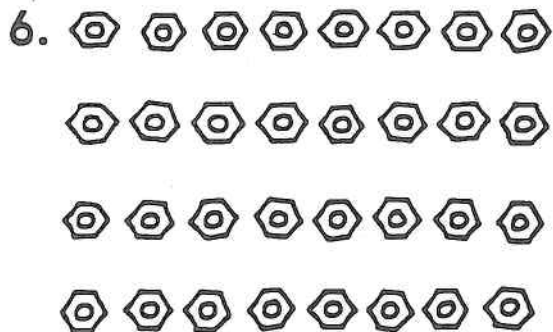
___ ten ___ ones



___ tens ___ ones



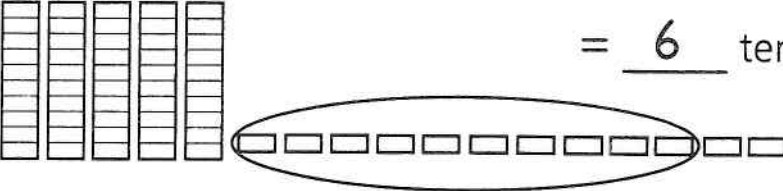
___ tens ___ ones



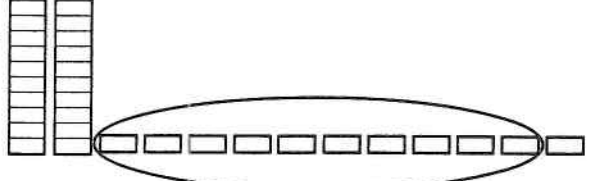
___ tens ___ ones


Study the example below. Circle the 10 ones to regroup. Write the number of tens and ones, then write the whole number.

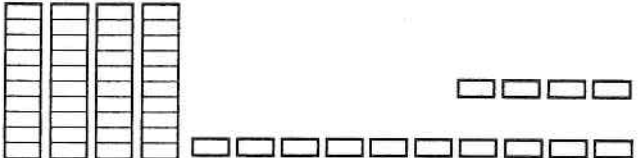
Example:




= 6 tens and 2 ones = 62

1.  = _____ tens and _____ ones = _____

2.  = _____ tens and _____ ones = _____

3.  = _____ tens and _____ ones = _____

4.  = _____ tens and _____ ones = _____

5.  = _____ tens and _____ ones = _____

Name _____

Adding Ten More and Taking Ten Less

Read the directions carefully. If you see the word more, add ten. If you see the word less, take ten away.

Make the number 23.

Tens	Ones

Make the number 10 more than 23.

Tens	Ones

Make the number 48.

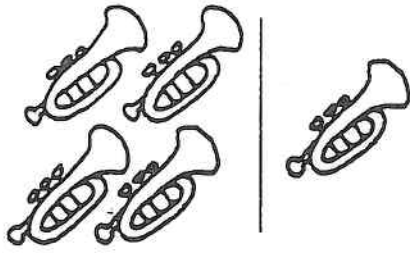
Tens	Ones

Make the number 10 less than 48.

Tens	Ones

Complete the fact family.

1.



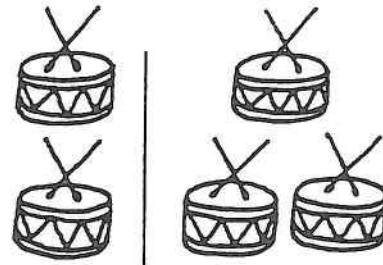
$$4 + 1 = \boxed{5}$$

$$1 + 4 = \boxed{5}$$

$$5 - 4 = \boxed{1}$$

$$5 - 1 = \boxed{4}$$

2.



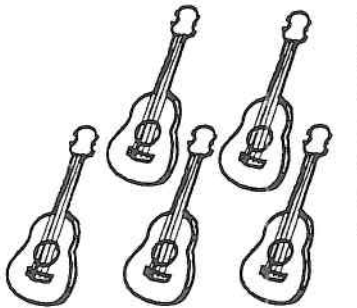
$$2 + 3 = \boxed{}$$

$$3 + 2 = \boxed{}$$

$$5 - 3 = \boxed{}$$

$$5 - 2 = \boxed{}$$

3.



$$5 - 0 = \boxed{}$$

$$5 + 0 = \boxed{}$$

$$5 - 5 = \boxed{}$$

$$0 + 5 = \boxed{}$$

4.

$$5 - 1 = \boxed{}$$

$$4 + 1 = \boxed{}$$

$$1 + 4 = \boxed{}$$

$$5 - 4 = \boxed{}$$

5.

$$3 + 2 = \boxed{}$$

$$2 + 3 = \boxed{}$$

$$5 - 3 = \boxed{}$$

$$5 - 2 = \boxed{}$$

Number Families

Adding and Subtracting:
Number Families

Write all the equations that belong to each number family. The first one has been done for you. Hint: You can add or subtract in your equations.

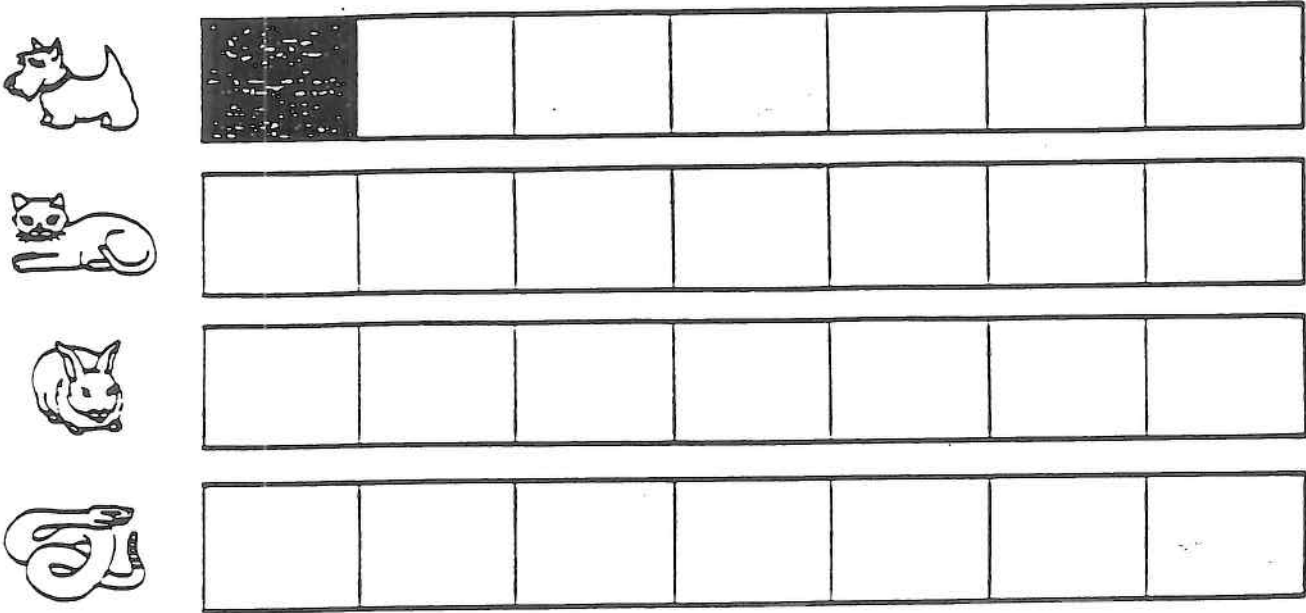
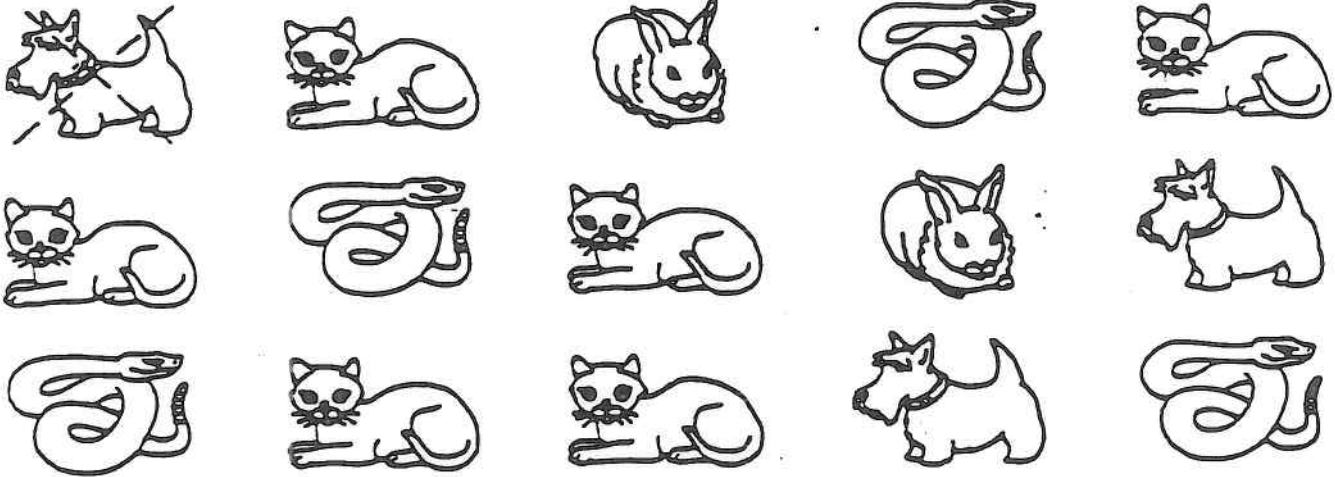


<p>1 5, 6, 11</p> <p>$5 + 6 = 11$ $11 - 6 = 5$</p> <p>$6 + 5 = 11$ $11 - 5 = 6$</p>	<p>2 9, 5, 14</p> <p>_____</p> <p>_____</p>
<p>3 7, 16, 9</p> <p>_____</p> <p>_____</p>	<p>4 12, 7, 5</p> <p>_____</p> <p>_____</p>
<p>5 5, 13, 8</p> <p>_____</p> <p>_____</p>	<p>6 15, 8, 7</p> <p>_____</p> <p>_____</p>

Use a number less than 18 to fill in the missing number in each number family. On the back of the page, write all the equations that belong to each number family.

<p>7 8, 14, _____</p>	<p>8 9, 17, _____</p>
---	---

1. Mark each animal. Color a box in the graph for each animal.



2. How many?










3. Ring the one with less.



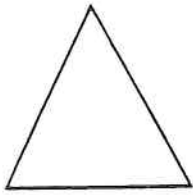
Study the pictograph below and answer the questions on the lines provided.

After-School Snack

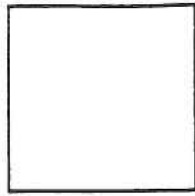
Friends	Number of Ice Cream Scoops
Amy	   
Lisa	 
Sam	

Key:  = one scoop of ice cream

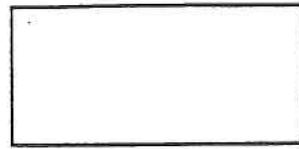
- How many scoops did Lisa eat? _____
- How many scoops did Sam eat? _____
- How many scoops did Amy eat? _____
- Who ate twice as much ice cream as Lisa? _____
- How many more scoops did Amy eat than Sam? _____
- How many scoops were eaten in all? _____



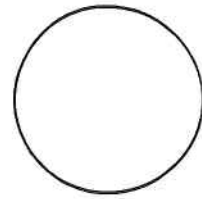
triangle



square

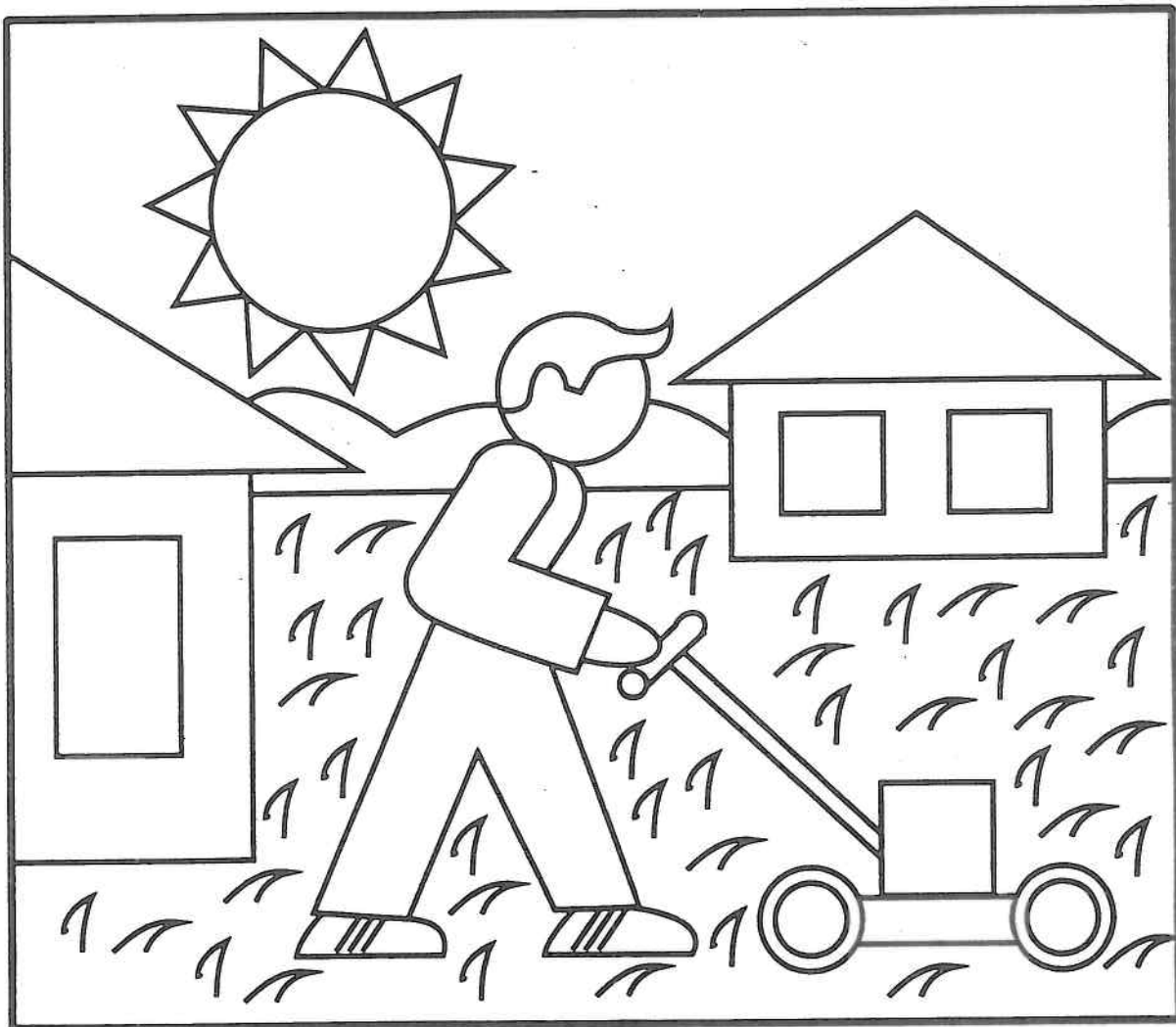


rectangle



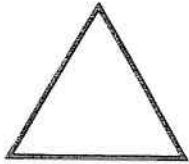
circle.

Color the triangles blue.
Color the squares red.
Color the rectangles green.
Color the circles yellow.



Get in Shape

Match.

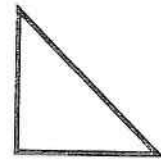
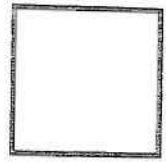


triangle

circle

square

rectangle



Draw 3 different circles.
Color them.

Draw 4 different triangles.
Color them.

Draw 2 different rectangles.
Color them.

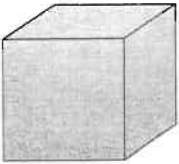
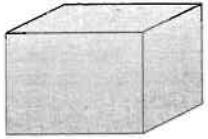


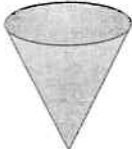
Draw 5 different squares.
Color them.

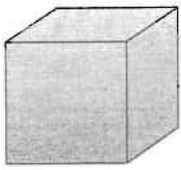
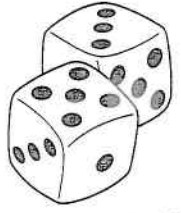
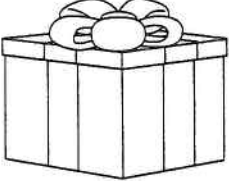
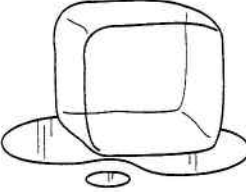
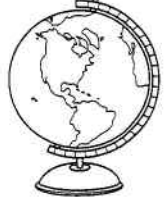

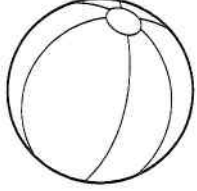
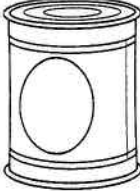
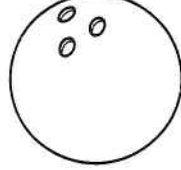

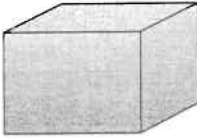
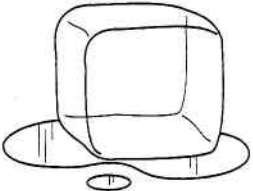
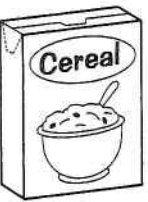

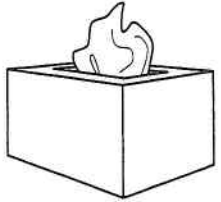

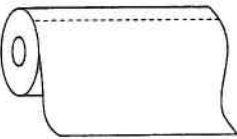


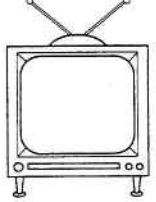

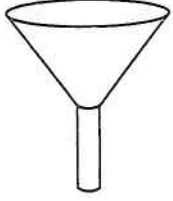

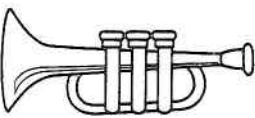

Name _____

Identifying Solid Shapes

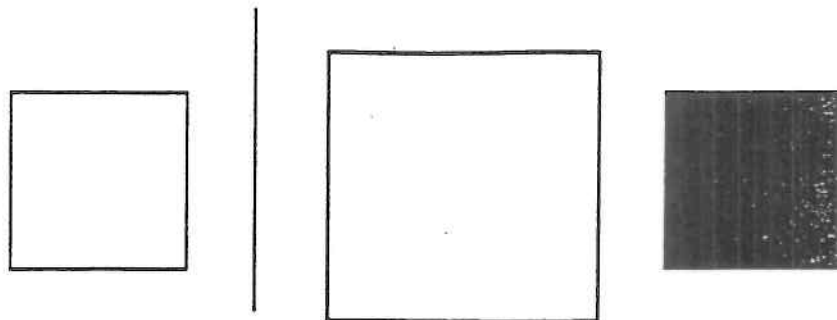
Study the examples below. In each problem, color the object(s) that has the same shape.

Examples:

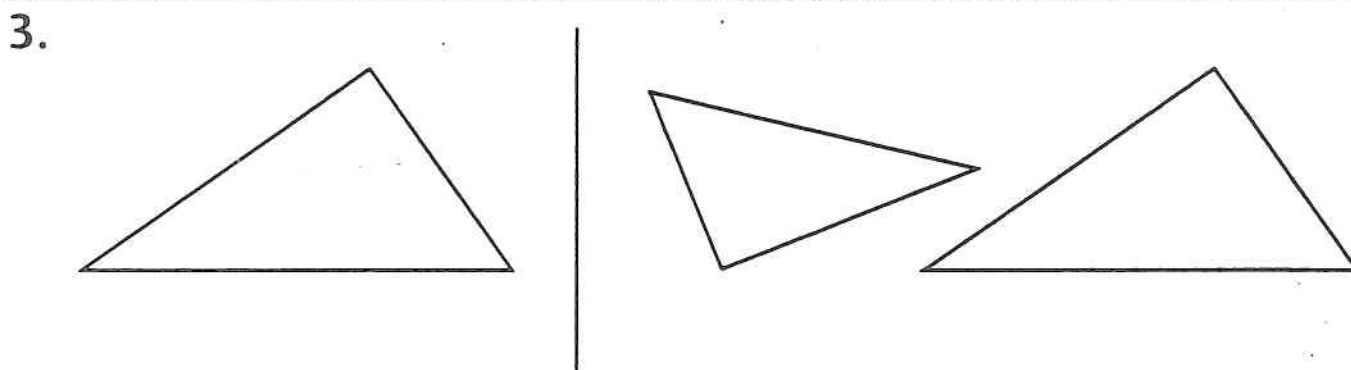
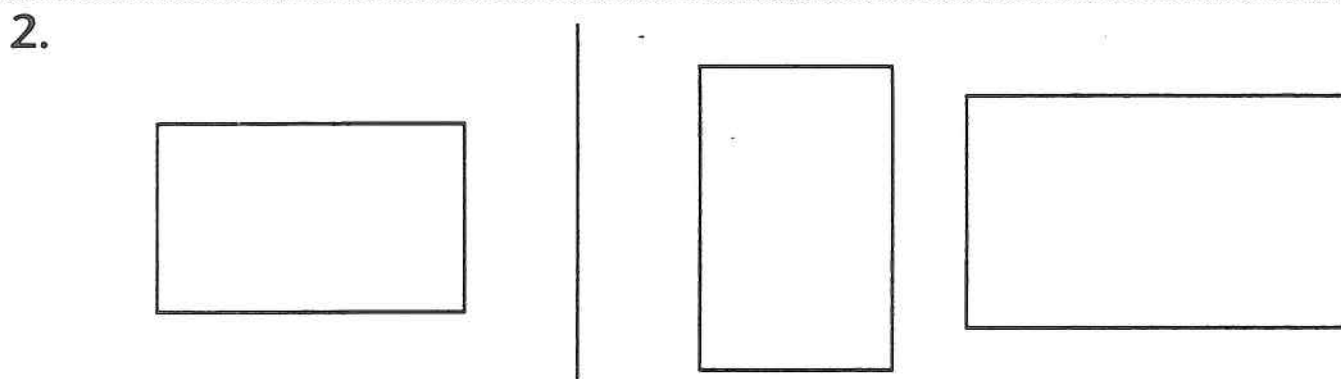
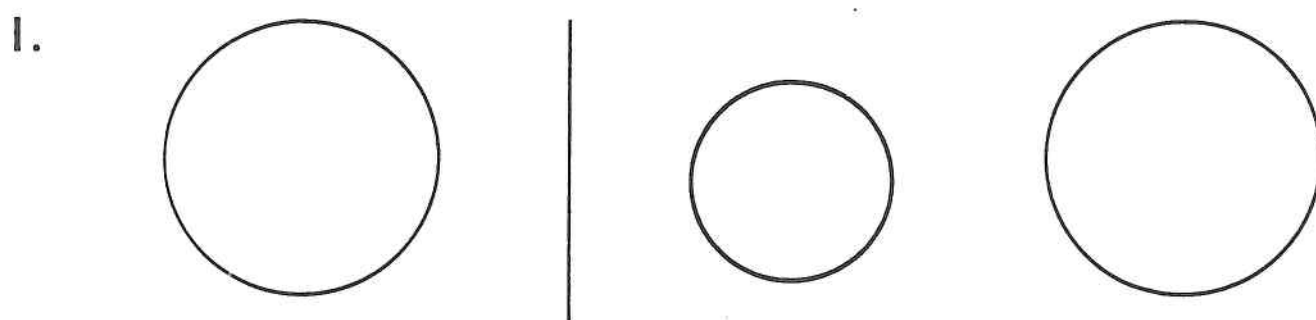
				
Cube	Rectangular Prism	Sphere	Cylinder	Cone

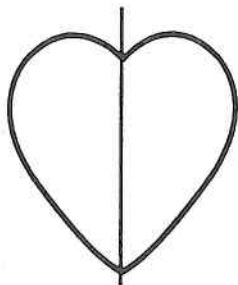
1. 				
2. 				
3. 				
4. 				
5. 				

Total Problems:	Total Correct:	Score:
-----------------	----------------	--------



Color the figure that is the same size and same shape.

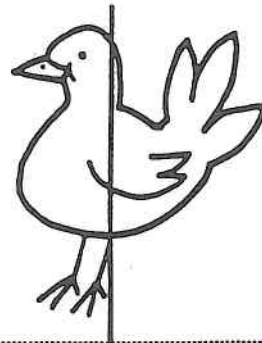
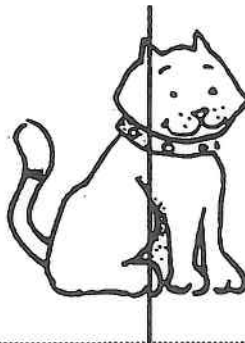
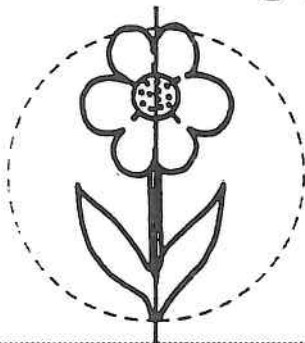
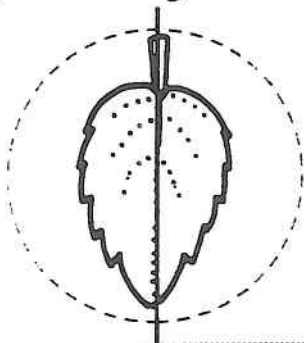




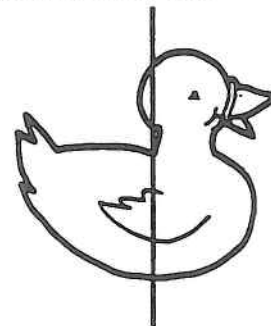
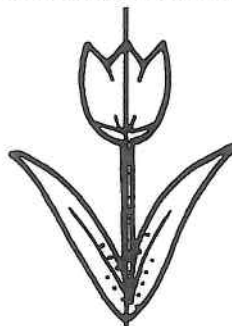
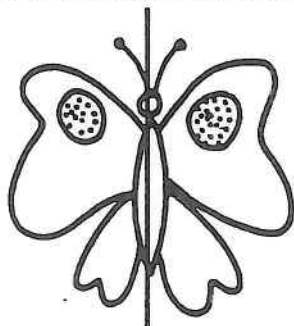
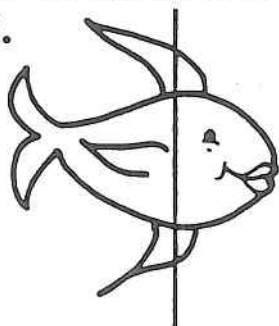
Both parts of this heart match.

Ring the objects with matching parts.

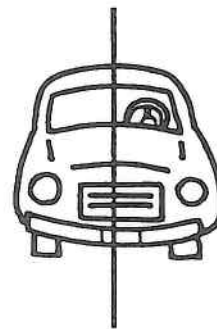
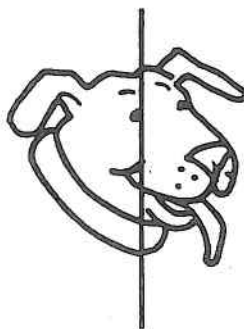
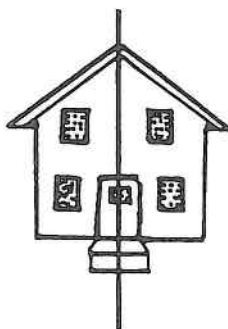
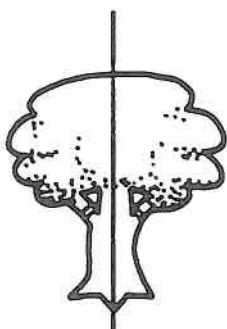
1.



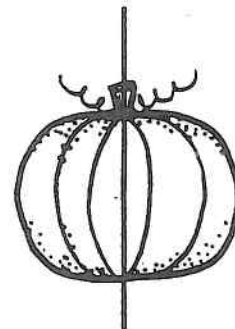
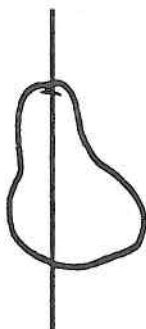
2.



3.

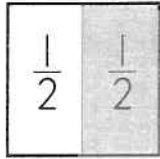


4.



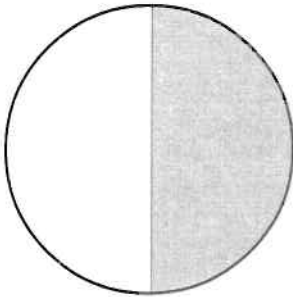
Study the example below. Complete each problem and write the answers on the lines provided.

Example:



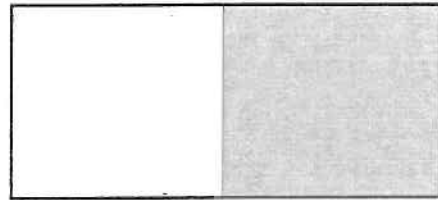
The square is divided into 2 equal parts.
1 out of 2 equal parts is shaded.
 $\frac{1}{2}$ is shaded.

1.



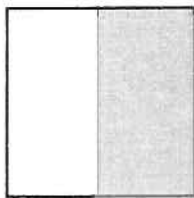
_____ part is shaded.
There are _____ equal parts.
_____ of the shape is shaded.

2.



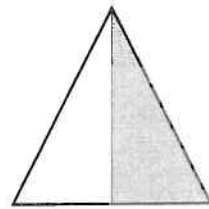
_____ part is shaded.
There are _____ equal parts.
_____ of the shape is shaded.

3.



_____ part is shaded.
There are _____ equal parts.
_____ of the shape is shaded.

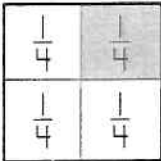
4.



_____ part is shaded.
There are _____ equal parts.
_____ of the shape is shaded.

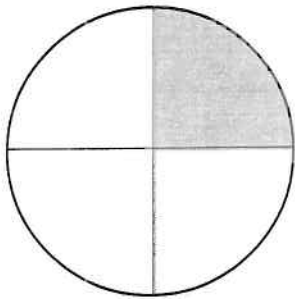
Study the example below. Complete each problem and write the answers on the lines provided.

Example:



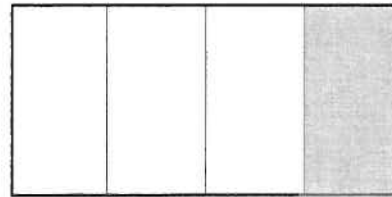
The square is divided into 4 equal parts. 1 out of 4 equal parts is shaded. $\frac{1}{4}$ is shaded.

1.



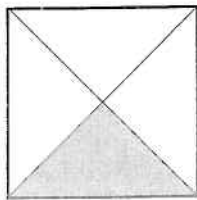
_____ part is shaded.
There are _____ equal parts.
_____ of the shape is shaded.

2.



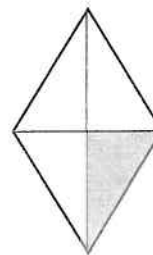
_____ part is shaded.
There are _____ equal parts.
_____ of the shape is shaded.

3.



_____ part is shaded.
There are _____ equal parts.
_____ of the shape is shaded.

4.



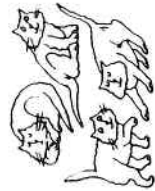
_____ part is shaded.
There are _____ equal parts.
_____ of the shape is shaded.

Picture Glossary

add



$$3 + 4 = 7$$



between

35, 36, 37

36 is between 35 and 37.

addend

$$3 + 5 = 8$$

addends



= 1¢

cent (¢)

after

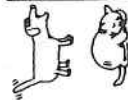
39, 40

40 is after 39.

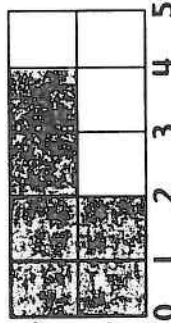
centimeter a metric unit of length



bar graph



Favorite Pets



before

33, 34

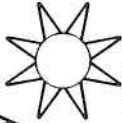
33 is before 34.

congruent



These triangles are congruent.
They are the same size and shape

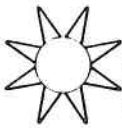
day



8:00 AM



8:00 PM



8:00 AM

There are 24 hours in a day.

corner



corner

difference

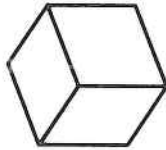
$$8 - 4 = 4$$

difference

8

$$\begin{array}{r} 8 \\ - 4 \\ \hline 4 \end{array}$$

cube



digit

tens digit

46

ones digit

46 has two digits.

dime

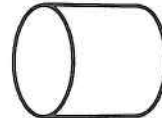
10¢



10 cents



cylinder

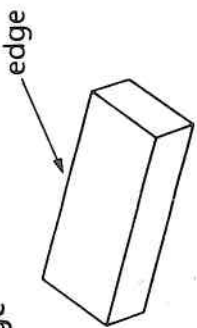


dollar



100¢ or \$1.00

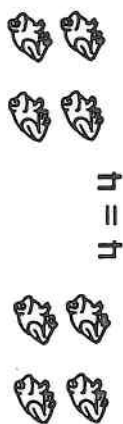
edge



fact family

$3 + 6 = 9$ $6 + 3 = 9$
 $9 - 3 = 6$ $9 - 6 = 3$

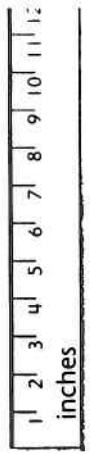
is equal to



$4 = 4$

4 is equal to 4.

foot a customary unit of length



12 inches equal 1 foot.

estimate

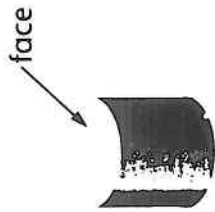


about 20 shells

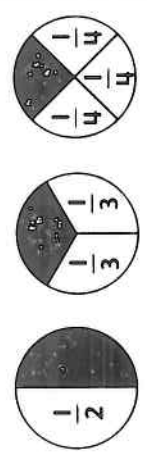
expanded form

$245 = 200 + 40 + 5$

face

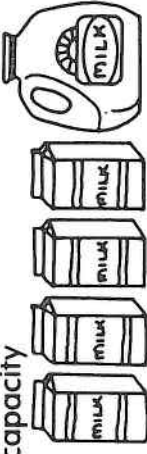


fraction



one-half one-third one-fourth

gallon a customary unit of capacity



4 quarts equal 1 gallon.

is greater than



$5 > 4$

5 is greater than 4.

grouping property

$3 + (2 + 3) = 8$
 $(3 + 2) + 3 = 8$

half dollar

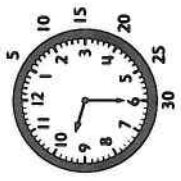
50¢



50 cents

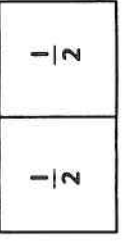


half hour



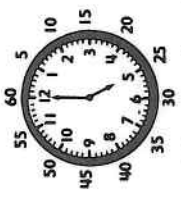
30 minutes equals 1 half hour.

halves



2 halves equal a whole.

hour



There are 60 minutes in an hour.

hundreds

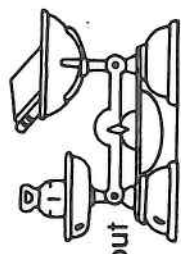


3 hundreds

inch



kilogram a metric unit of mass



The book is about 1 kilogram.

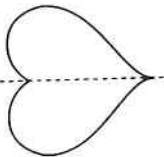
is less than



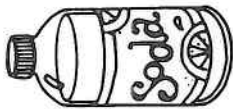
$3 < 5$

3 is less than 5.

line of symmetry



liter (L)

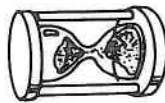


meter a metric unit of measurement



100 centimeters equal 1 meter.

minute



There are 60 seconds in a minute.

mode the number that occurs most often

- 1 2 2 3 4 5

2 is the mode.

month

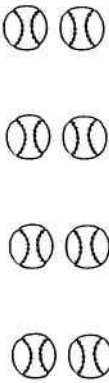


There are 12 months in a year.

multiplication sentence

$6 \times 3 = 18$

multiply



$4 \times 2 = 8$

nickel

5¢



5 cents



number sentence

$8 + 2 = 10$

$6 - 4 = 2$

ones



5 ones

order property

$3 + 4 = 7$

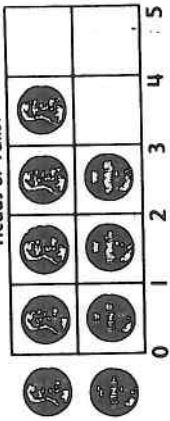
$4 + 3 = 7$

pattern

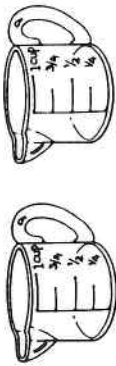
- 3, 5, 7, 9, 11, ?

picture graph

Heads or Tails?



pint a customary unit of capacity



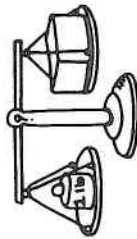
2 cups equal 1 pint.

place value the value of each place

Tens	Ones
3	4

In 34 the digit 3 is in the tens place.

pound a customary unit of weight



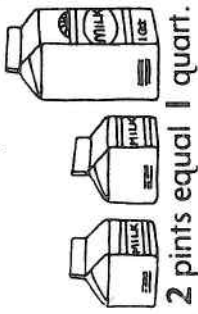
The butter weighs about 1 pound.

product

$$\begin{array}{r} 3 \\ \times 5 \\ \hline 15 \end{array}$$

product

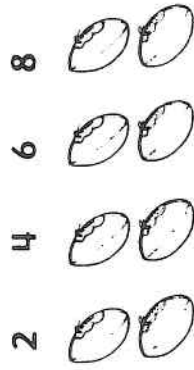
quart a customary unit of capacity



rectangle



skip-count



sum

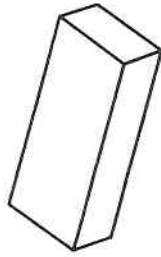
$$\begin{array}{r} 6 \\ + 3 \\ \hline 9 \end{array}$$

$6 + 3 = 9$ (sum)

quarter



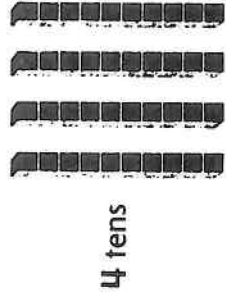
rectangular prism



sphere



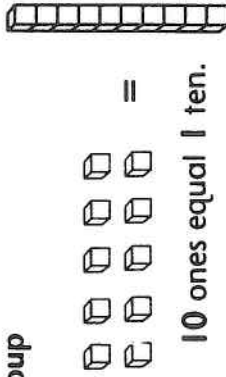
tens



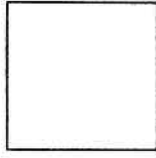
quarter past



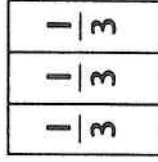
regroup



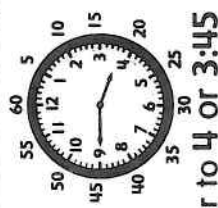
square



thirds



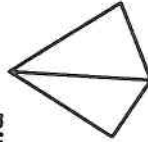
quarter to



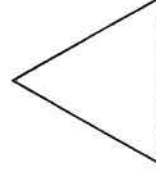
related facts

$$9 + 1 = 10$$
$$10 - 1 = 9$$

square pyramid



triangle



range the difference between the least and the greatest numbers

1 2 3 4 5 6

$$6 - 1 = 5$$

range

second



It takes about 1 second to snap.

subtract



$$5 - 2 = 3$$

week

Sunday, Monday, Tuesday,
Wednesday, Thursday,
Friday, Saturday

There are 7 days in a week.