Name:_____

(This shows my own thinking.)

★★   1. Sasha needs 🍓🍓🍓🍓🍓🍓🍓🍓🍓🍓🍓🍓🍓.

She has 🍓🍓🍓🍓🍓🍓🍓.

How many more must she get?

Answer: _____ 🍓

★   2. Five little 🦋 flying high.

Seven more come to sit nearby.
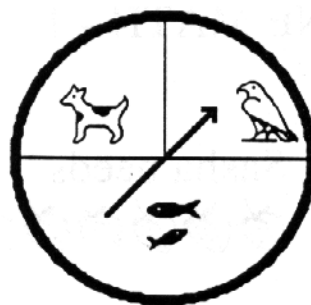
How many 🦋 in all?

Answer: _____ 🦋 in all

★★★ 3. Amanda reads 2 books a week.

How many books does she read
in 6 weeks?

Answer: _____ books

★★ 4. Julio will use the spinner to find out what pet his parents will buy. Which pet will he probably get?

Circle the answer.

     dog   bird   fish

★★ 5. Make a graph to show the birthdays. Draw a ☺ for each child.

September:

October:

November:

Fall Birthdays

September								
October								
November								

★ 6. Draw the picture that comes next:

_____

★★ 1. Which piece will make this shape if
you have several of them?
Circle the answer.

A.   B.   C.

★★ 2. You spent exactly 33¢. Circle the two things that
you bought.

33¢   20¢   12¢

15¢   10¢

18¢
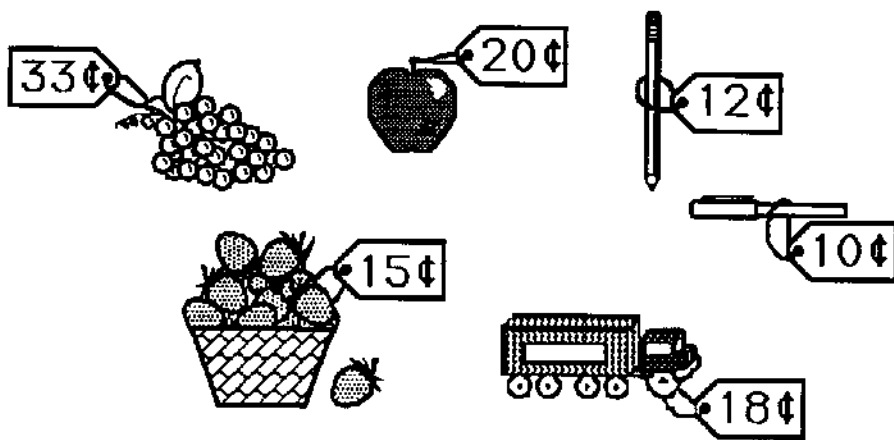
★ 3. Which tile has a different number of dots than the
other tiles? Circle the one that is different.

4

★★★ 4. Five scarecrows had a candy corn eating contest.

Ben ate the most candy corns.
Jen ate more than Len.
Jen ate less than Ken.
Zen ate less than Len.

Write the scarecrows'
names in order to show
how much candy corn
they ate.

Answer: _____ _____ _____ _____ _____
         most   least

★ 5. Write a number sentence to show how far the rabbit jumped.

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

Answer: _____

★★★ 6. Find the mystery number.

Answer: The number is ____.

Add me to myself.
Then add 2 more.
You will get 14.
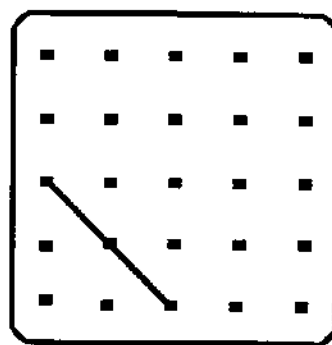Who am I?

5

*Name:*_____

(This shows my own thinking.)

★ 1. I am a number. Subtract me from 12 and get 9.
Who am I?
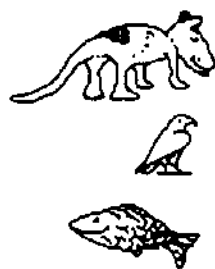
Answer:_____

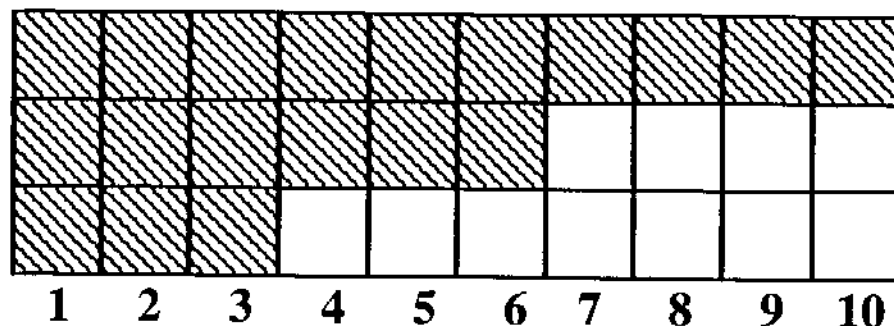★★★ 2. Draw a square in the box to
the right. Begin with the
part given.

★★ 3. These are the favorite pets in a first grade class. How
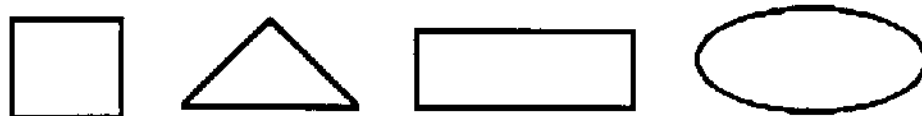many more children liked dogs, than birds and fish
together?

Answer: _____ more

Small Pets

	1	2	3	4	5	6	7	8	9	10

6

★ 4. Four children each chose a shape. Jessica's shape is oval. Jane's shape has 4 corners and 4 sides the same length. Scott's shape has 3 sides. Which shape did Mark choose? Circle the answer.

★★★ 5. Write the missing numbers in this part of the hundreds chart.

	4
13	14
23	

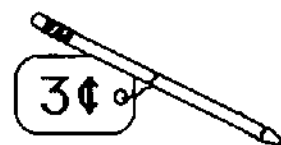★★★★6. Use these digits: 1 9 3 6

What is the least 2-digit number you can make? _____

What is the greatest 2-digit number? _____

★★★ 7. Complete the table.

Number of pencils	1	2	3	4	5	6	7
Amount you pay	3¢						

How much would 10

pencils cost?_____

3¢

*Name:*_____

(This shows my own thinking.)

★★ 1. Superstar, what number
is missing on the star so
that the sum is 19?

Answer: _____
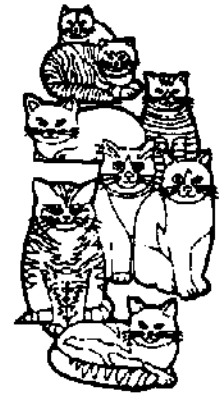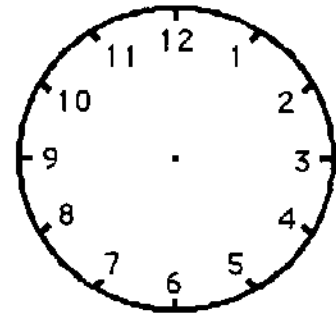
★★ 2. Look at the cats!

How many tails on all those cats? ____

How many ears on all those cats?____

How many legs on all those cats?____

★★★ 3. Teaka finishes dinner at 6
o'clock. She reads her book
for 2 hours. Then she goes to
bed. Draw the hour and
minute hands on the clock to
show when Teaka goes to bed.

★★ 4. The bug below breaks in half every day. Each half
becomes a new bug. If 5 bugs break apart, how
many bugs will there be the next day? _____

8

★★★ 5. There are 3 children and 1 wagon. Two children can play at a time. One child can ride and one child can pull. In the table, show all the ways the children can ride and pull.
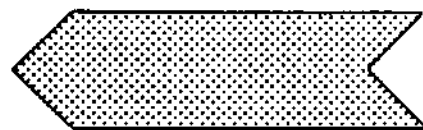
Sam   Kevin   Alice

Child Pulling	Child Riding

★★ 6. Herick ran the ball for 5 yards. Then he ran for 3 more yards. Then he lost 2 yards on a run. His jersey number is 13. How far did he run on those three plays?

Answer: _____ yards

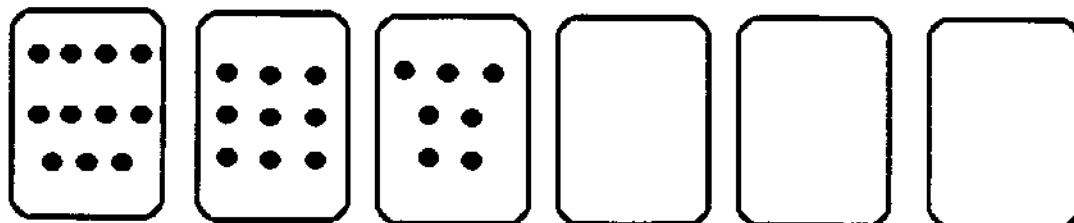★ 7. About how many triangles does it take to cover the big shape? Circle the best estimate.

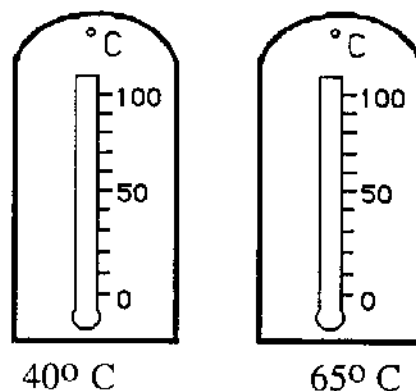5 triangles?   10 triangles?   20 triangles?

*Name:*_____

(This shows my own thinking.)

★★★★ 1. Count the number of dots on each card. Find a pattern.
Use the pattern to fill in the empty cards with dots.

★★ 2. On each thermometer,
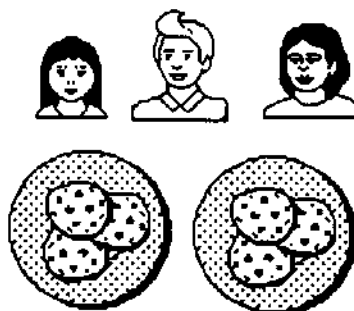darken in the center to show
the temperature given.

40º C   65º C

★ 3. Use + or - in each box to make the sentence true.

$$3 \; \square \; 4 \; \square \; 2 \; \square \; 6 = 11$$
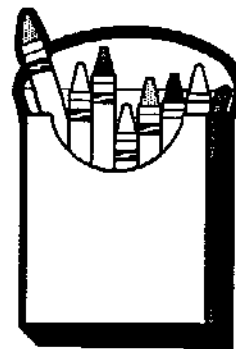
★ 4. Three children divided up the 6
cookies fairly. How many did
each child get?

Answer: Each got _____ cookies
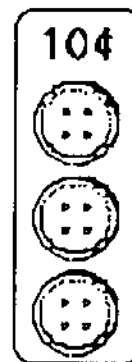
★★★ 5. If you took the crayons in the box
and broke them in half, how
many children could have
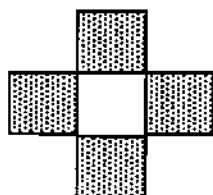something to color with?

Answer: _____ children

★★★ 6. Tamika can buy 3 buttons for a
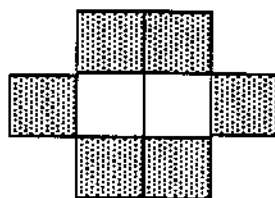dime. She needs 12 buttons for a
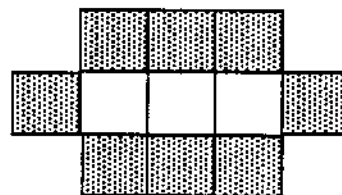project. How much will they cost?

Answer: _____¢

★★★★ 7. How many gray squares are
needed to continue the pattern?

1 white square   2 white squares   3 white squares   4 white squares
4 gray squares   6 gray squares   8 gray squares   ? gray squares

Answer: _____ gray squares

★★★ 8. (a) Name a body part that you have 2 of: _____

(b) Name a body part that you have 10 of: _____

(c) Name a body part that you have more than 100 of:

_____

11

Name:_____

(This shows my own thinking.)

★★★ 1. Color the numbers the same color as the baskets where they belong! What numbers are left without a color?

Red less than 11	Green greater than 15 and less than 28	Blue greater than 36

17   10   39   5   3   31

42   26   20   48   34

29   19   2

Answer: _____ do not belong in any basket.

★★ 2. Quan has a dime.
He finds a nickel.
He buys a pear for 13¢.
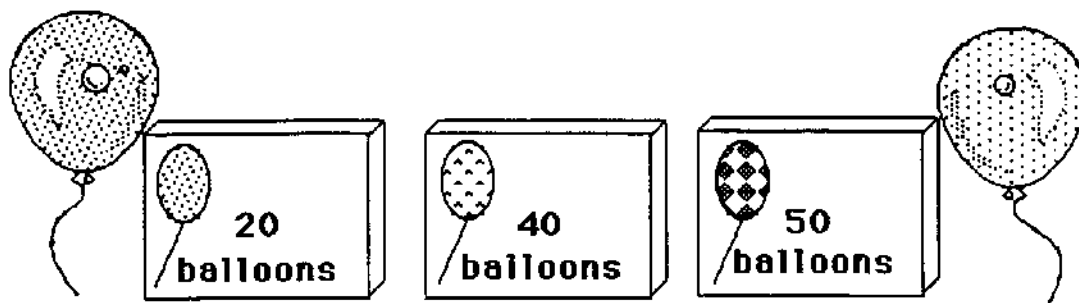How much money does he have left?

Answer: He has ____ left.

★★ 3. Find the number that goes in the box in part (a). Put it in the box for part (b). Write the answer to part (b) on the line.

a. $4 + \boxed{} = 7$ b. $\boxed{} + 8 = $ _____

★★★ 4. You are having a party. You will need 70 balloons.
Circle the boxes you could buy to make 70.
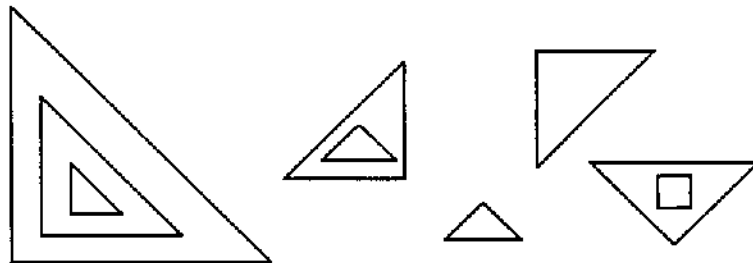
20 balloons   **40 balloons**   **50 balloons**

★ 5. You have 3 blocks. One is yellow, one is
brown and one is green. Which block is
green?

• The yellow block is in the middle.

• The brown block is on top.

Answer: The green block is

_____.

★★ 6. How many triangles are there in all?

Answer:_____triangles

*Name:*_____

(This shows my own thinking.)
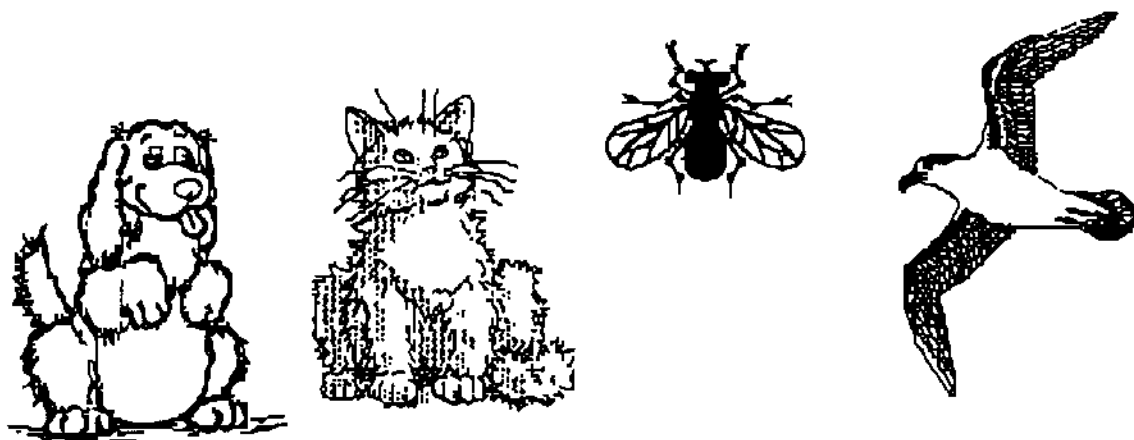
★★★★ 1. The dog ate 9 flies. The cat ate 3 more flies than the dog. The bird ate 2 more flies than the cat.

How many flies did the bird eat? _____

How many flies did all three animals eat? _____

★★ 2. How many legs are on 5 lambs?

Answer: ____ legs

★★★ 3. How many trucks can you buy for 30¢?

Answer: ____ trucks

13¢

14

★ 4. Which letters are in the triangle?

X
Y Z C
B
A
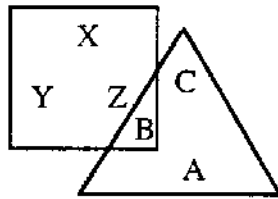
Answer:_____

★★★ 5. I have 4 tens. My ones digit is 2 more than my tens digit. What number am I?

Answer: _____

★★ 6. Put a + or – in each circle to make a true sentence.

13 ◯ 4 ◯ 8 = 17

★★ 7. Tom has half as many pennies as Sue. Sue has 20 pennies. How many pennies does Tom have?
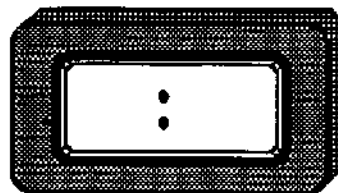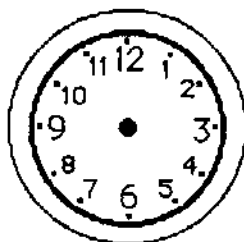
Answer: ____ pennies

*Name:*_____

(This shows my own thinking.)

★★ 1. Draw the next figure in the pattern.

★★★★ 2. At one o'clock the team played soccer. One and a half hours later, the team left the field. Place the hour and minute hand on the clock to show when the team left the field. Or if you prefer, write the time they left on the digital clock.

★★ 3. My sister earns 10¢ for making her bed. She wants to earn 50¢. How many times must she make her bed?

Answer: _____ times

★★★ 4. If you write the numbers from 1 to 40, how many times would you write a 7?

Answer: _____ times

★★★ 5. Put the *greater than* (>), *less than* (<), or *equal to* (=) in the box to compare each problem.

a. (10¢) (10¢) (10¢) ☐ (5¢) (5¢) (5¢)

b. (25¢) ☐ (10¢) (10¢) (5¢)

c. (10¢) (5¢) (5¢) (1¢) (1¢) ☐ $0.32

★ 6. How many days in December are after December 16?

Answer: ____ days

December						
Sun.	Mon.	Tues.	Wed	Thur	Fri.	Sat.
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

★★★ 7. Use the rule. Complete the table.

Rule: Out is 10 more than In

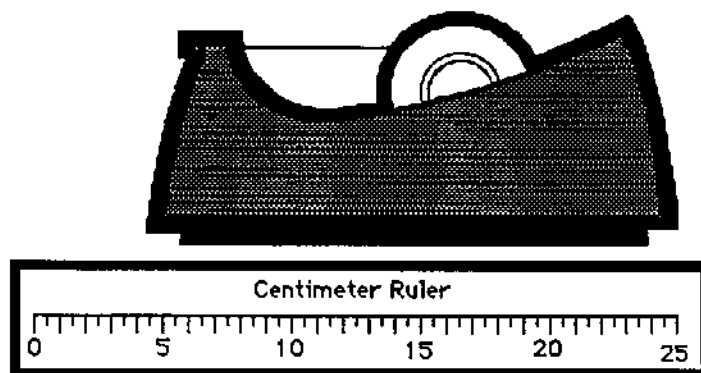| In	Out
5	15
7	☐
10	☐
21	☐

Name:_____

(This shows my own thinking.)

★★★★ 1. Wooden faces are made in a
factory. The cost of making each
shape is shown below. How
much does it cost to make this face?

Any triangle costs 3¢
Any square costs 5¢
Any circle costs 6¢

Answer: _____ ¢

★★ 2. Lourdes said the tape
dispenser was 25
centimeters long. But
he did not start
measuring at zero.
How long is it?

Answer:

___ centimeters

★★ 3. Follow the pattern. How many squares do you need to
make E? ____ How many to make F? ____
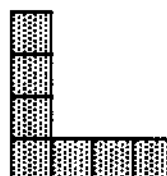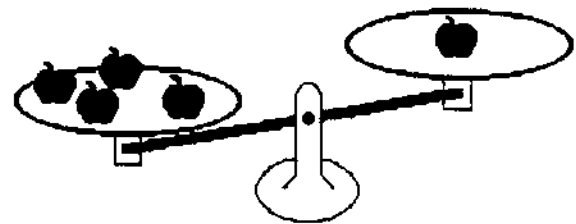
A   B   C   D   E   F
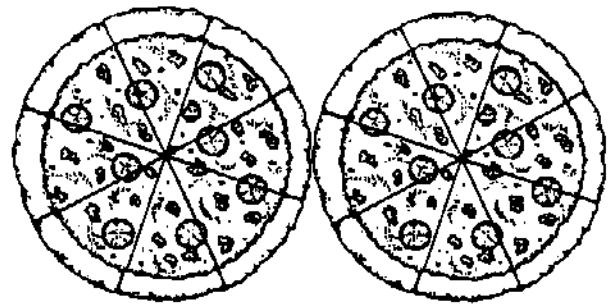
★ 4. I am thinking of a number. When you subtract 6 from the number, you get 13. What is my number?

Answer: _____

★ 5. Draw in enough apples to balance the scale.

★★★ 6. Four kids divided the 2 pizzas in a fair way. How many pieces did each get?

Answer: _____

★★ 7. Write all the 2-digit numbers you can make with these cards:

| 4 | 8 | 6 | 5 |

Write them in this box:

Name:_____

(This shows my own thinking.)

★   1. Jill and five friends are having a party. Each person
         wants 2 cupcakes. How many cupcakes will they need?

                    Answer: _____ cupcakes

★★★ 2. Below are 5 coins with the faces covered up. The coins
         are worth 42¢ in all. What coins are they? Write the
         value in cents on each coin.

                    ◯ ◯ ◯ ◯ ◯

★★   3. March has 31 days. If
         March 1 is a Thursday,
         what day of the week is
         the last day of the month?

                    Answer: _____

MARCH						
Sun	Mon	Tue	Wed	Thu	Fri	Sat

★   4. The Kindergarten had 24 children, then four more
         joined the class. The first grade had 23 children, then
         six more joined the class. Which class has more
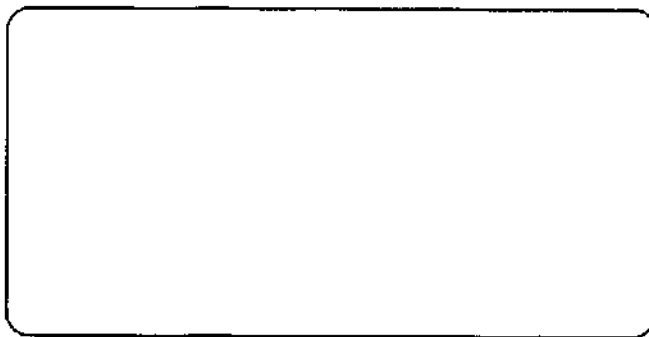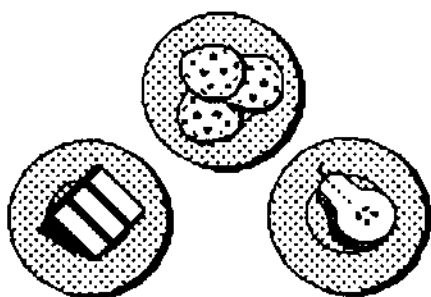   children now?

                    Answer:_____

★★ 5. How many squares are in the picture of the house?

Answer: _____

★★★ 6. You are planning a party. You want to fit as many plates of dessert on the table as you can. About how many of the plates would fit?
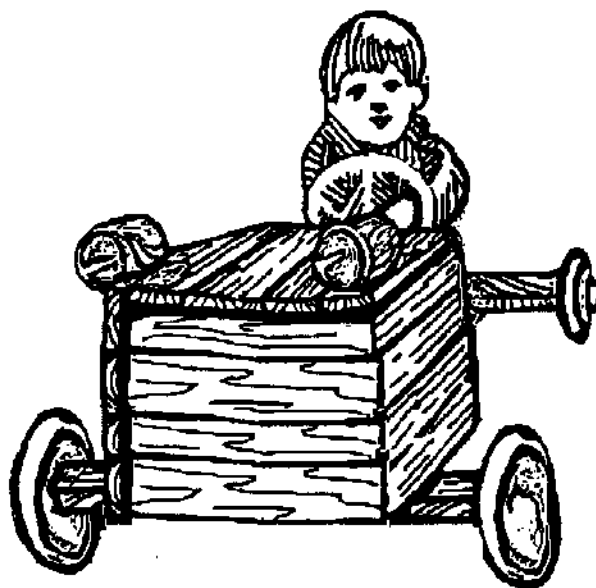
Answer: _____ plates

★★ 7. If you and two friends wanted to each build a car like this, how many car wheels would you need?

Answer: _____

How many tin cans would you need for lights?
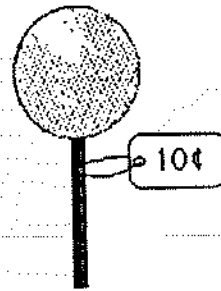
Answer: _____
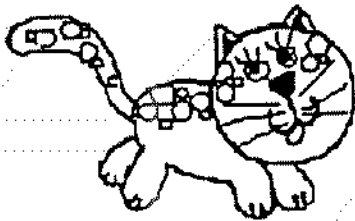
SUNSHINE MATH - 1
Venus, XI

(This shows my own thinking.)

★★ 1. How much change should you get if you paid with a quarter?

10¢

Answer: _____

★★★ 2. It takes 6 kitten steps to walk to the first bowl. It takes 4 steps to walk from one bowl to the next bowl. How many steps does it take for kitty to walk from where he is to bowl 5?
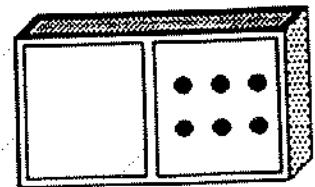
Answer: _____ kitten steps

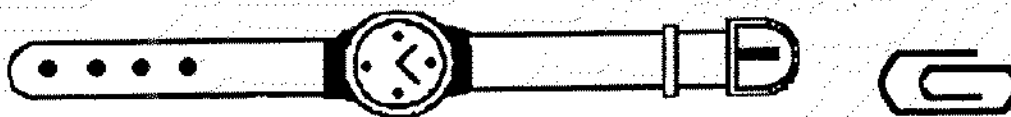★ 3. Jessica is in line. Three girls are in front of her. 5 girls are in back of her. How many girls are in the line?

_____ girls

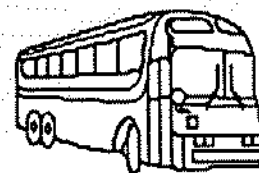★ 4. Make the domino a double. Write an addition sentence for the double domino.

Answer: _____ + _____ = _____

★★ 5. About how many paper clips would it take to measure the length of the watch?

Answer: _____ paper clips

★ 6. Use mental math.
24 children are on the bus.
3 more got on.
2 got off.
1 more got on.
How many children are on the bus now?

Answer: _____ children

★★ 7. Do each step in the flowchart. Write your answer in the empty box.

$$\boxed{\$4} \xrightarrow{+} \boxed{\$3} \xrightarrow{-} \boxed{\$2} \xrightarrow{+} \boxed{\$1} \xrightarrow{=} \boxed{}$$

★★★ 8. Find the number that goes in the first step of the flowchart. Write it in the empty box.

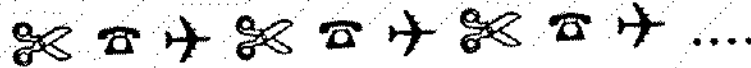$$\boxed{} \xrightarrow{+} \boxed{\$1} \xrightarrow{-} \boxed{\$5} \xrightarrow{+} \boxed{\$2} \xrightarrow{=} \boxed{\$4}$$

SUNSHINE MATH - 1

●enus, XII

(This shows my own thinking.)
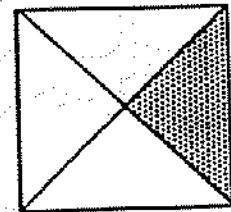
★★★★ 1. Look at the pattern.

✂ ☎ ✈ ✂ ☎ ✈ ✂ ☎ ✈ ....

Draw or name the 10th figure in the pattern: _____
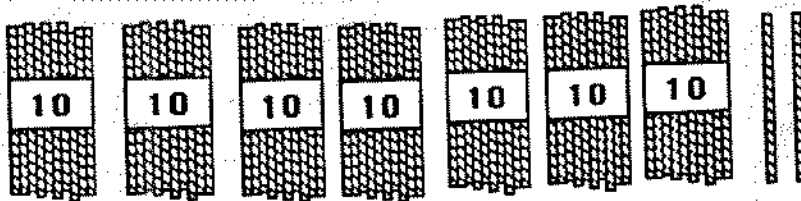
Draw or name the 14th figure in the pattern: _____

★★ 2. Circle the name of the shaded part of the square.
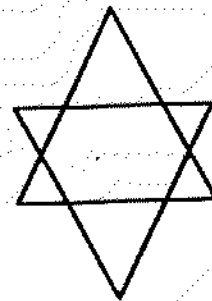
A. one-third C. three-fourths

B. one-fourth D. four-fourths
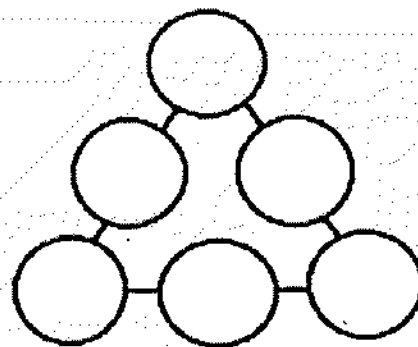
●★ 3. How many straws are shown below? _____

| 10 | 10 | 10 | 10 | 10 | 10 | 10 |

★★ 4. How many different triangles are there in the figure to the right?

Answer: _____ triangles

24

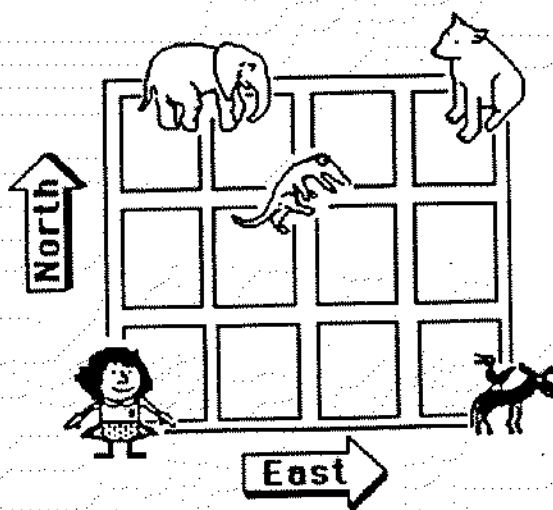★★★ 5. Place the numbers 1, 2, 3, 4, 5, and 6 in the circles so that the sum along each side is 10.

★★★ 6. Help the girl get from her spot at the zoo to each of the animals. Tell her how many blocks EAST to go and then how many blocks NORTH.
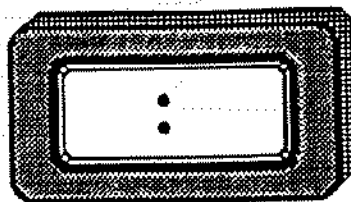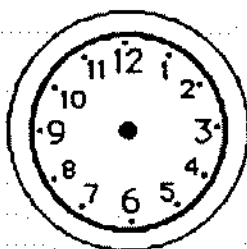
- To get to 🐘 go 1 East and 3 North.

- To get to 🦘 go

  _____ East and _____ North.

- To get to 🐱 go

  _____ East and _____ North.

- To get to 🐪 go

  _____ East and _____ North.

★★★★ 7. Alberto gets up at 6:30 a.m. Three hours later he goes to the library. One and a half hours after that he eats lunch. Show the time he eats lunch on both clocks.

SUNSHINE MATH - 1
Venus, XIII

(This shows my own thinking.)

★★★ 1. Use the chart. Find the value of each word.

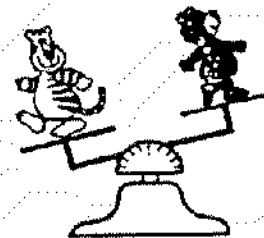|					
A→1¢	B→2¢	C→3¢	D→4¢	E→5¢	F→6¢
G→7¢	H→8¢	I→9¢	J→10¢	K→11¢	L→12¢
M→13¢	N→14¢	O→15¢	P→16¢	Q→17¢	R→18¢
S→19¢	T→20¢	U→21¢	V→22¢	W→23¢	X→24¢
Y→25¢	Z→26¢				

BALL = 2¢ + 1¢ + 12¢ + 12¢ = 27¢
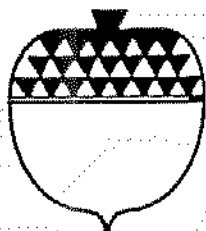
ROPE = ___ QUILT = ___ Your first name = _____

★★★ 2.
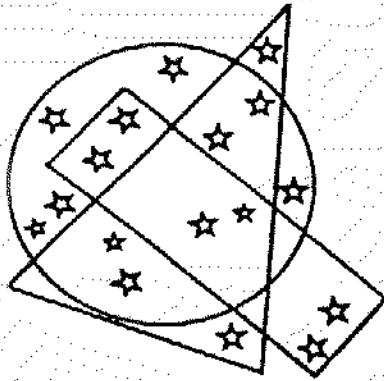
A. How many stars are there in the triangle? _____ stars

B. How many stars are in the circle? _____ stars

C. How many stars are in the rectangle? _____ stars

★ 3. Circle the animal that weighs more.

★★ 4. Two pictures below can be folded so that the two halves match. The other picture can't be folded to match. Color the two that can be folded to match.

★★ 5. Jan has a toy train. She placed George's house 2 meters from Susan's house. Estimate how far it is from George's house to Barry's house. Circle the answer.
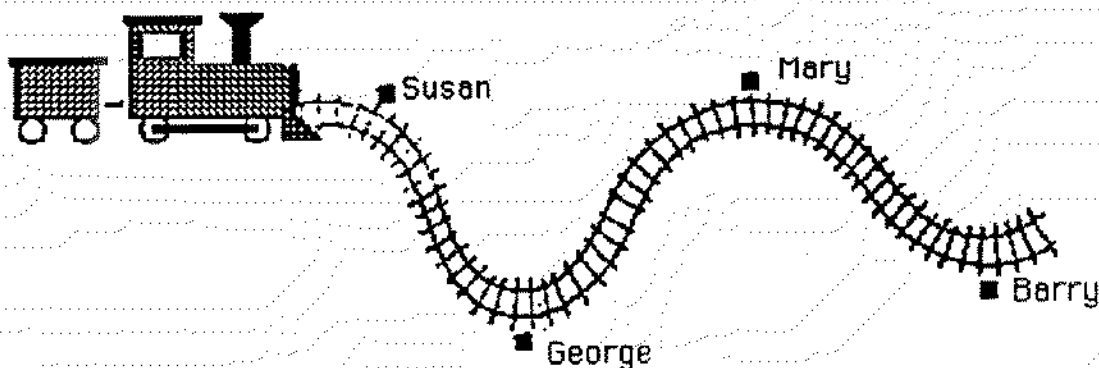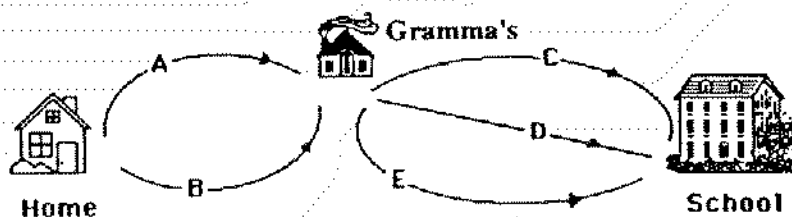
A. 8 meters   B. 6 meters   C. 4 meters

★★★★ 6. Ramon stops by his Gramma's house each day on his way to school. He has 2 ways to walk to his Gramma's house. He has 3 ways to walk from there to school. How many ways can he travel from his house to school?
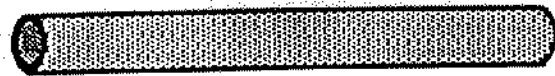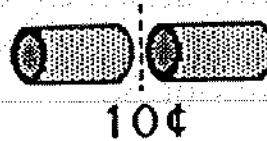
_____ways

27
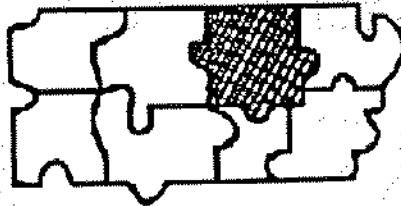
SUNSHINE MATH - 1
Venus, XIV

★★★★ 1. If it costs 10¢ to make 1 cut, how much does it cost to cut a log into 5 pieces?

Answer: _____¢

10¢

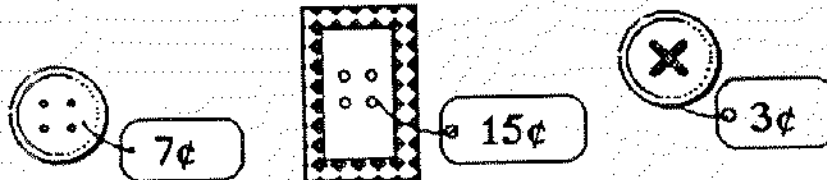★ 2. Look at the puzzle below, then circle the piece that will fit in the shaded area.

A   B   C

★★ 3. Circle the type of button that Keisha bought.
- The button costs more than a nickel, and
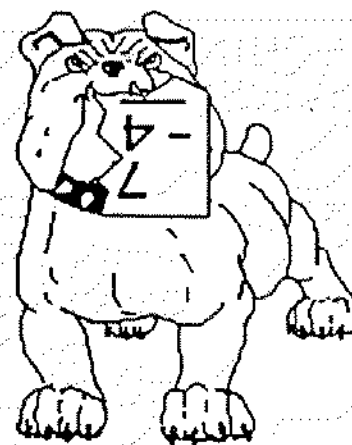- The button costs less than a dime.

7¢   15¢   3¢

★ 4. Bozo chewed a hole in Lu's homework. He chewed the numbers in the ones place, and the whole answer.
Circle the best *estimate* of the answer to the problem you can see.

   • about 110

   • about 60

   • about 30

★★ 5. It takes 50 stars to make an American flag. If you laid 50 stars out in rows with 10 stars in each row, how many rows would you have?

Answer: _____ rows
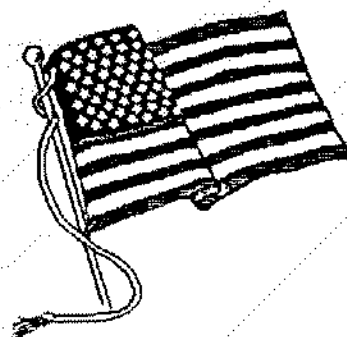
★★ 6. A cat is asleep on a mat at a pet store. About how many curled-up cats can sleep on this mat, at one time?

Answer: about _____ cats

★★ 7. A kangaroo's tail is about as long as the kangaroo is tall. Draw the right size tail on this kangaroo.

29

SUNSHINE MATH - 1
Venus, XV

★★ 1. Draw a rectangle. Make it 3 centimeters wide and 7 centimeters long. Start at the corner below.

★★ 2. An ant walked around the outside of your rectangle above. How many centimeters did it walk?

Answer: The ant walked _____ centimeters.

★★★ 3. Kareem won a prize for making a number machine. He puts a number into the machine. Another number comes out. The number that comes out depends on how the dial is set. Fill in the table. Show the numbers that come out, or go in. The setting is *subtract 7*:

IN

OUT
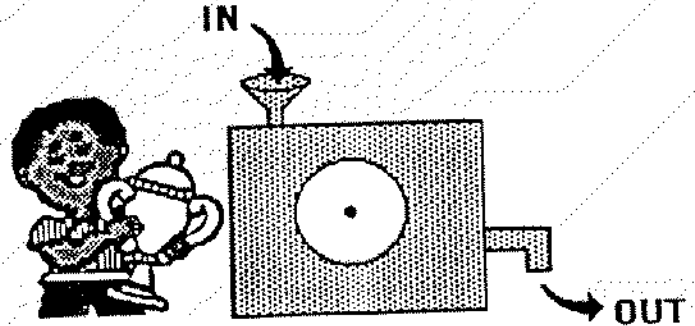
In	Out
11	4
15	
19	
	20

★ 4. Richard has 3 dimes, a nickel, and 3 pennies. He buys a pencil for 26¢. Does he have enough left to buy an eraser for 10¢?

Answer: _____ (yes or no)

30

★★★ 5. How many more cups of milk than soda are there?

| Soda | 🥛🥛🥛 |
| Milk | 🥛🥛🥛🥛🥛 |

🥛 stands for 2 cups.

Answer: _____ more cups of milk

★ 6. Sally has 4 red trucks. She also has 2 yellow trucks, 2 blue trucks, and 1 purple truck. How many trucks does Sally have in all?
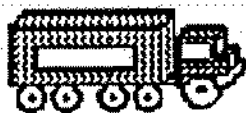
Answer: _____ trucks

★★ 7. What time is soccer practice? Circle the right clock.

It is after 4 o'clock.
It is before 6 o'clock
It is not 5 o'clock.

4:00   5:30
5:00   6:00

★★★ 8. There are 4 classrooms. 26 children are in each classroom. How many children in all 4 classrooms?

Answer: _____ children

★★ 9. How much does the piece of cake weigh by itself?

Answer: ____ ounces

5 ounces   16 ounces

31
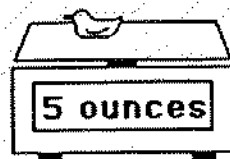
★★★ 1. Put 2, 3, 4, 6, 7 and 8 in the circles so that the sum along <u>each</u> line is 19. Use each number just once.
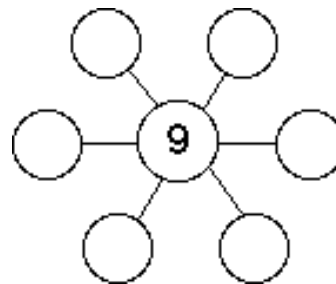
★★★ 2. Use the calendar to answer the questions.

January

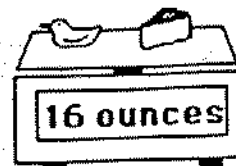| Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

What date is the second Wednesday of the month?

Answer: _____

How many Saturdays are in January?

Answer: _____

What date is two days before the fourth Thursday?

Answer: _____

★ 3. What numeral do the number blocks show?

Answer: _____
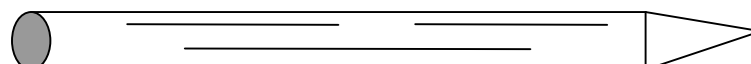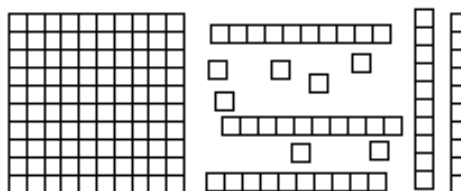
★ 4. Draw a pencil that is 3 centimeters shorter than the one above:

Draw it here:

★★ 5. On a number line,

a. is 13 closer to 10 or 20?

Answer: _____

b. is 28 closer to 20 or 30?

Answer: _____

★★★★ 6. Use the picture graph about a class to answer the questions.

Our Favorite Subject	
art	☻✿✿✿
music	☻☻✿✿
reading	☻☻✿
math	☻✿✿

key: ☻ = 2 boys
✿ = 2 girls

How many people like art best?

Answer: _____

How many more people like music than reading?

Answer: _____

How many boys and how many girls are in the class?

Answer: ___ boys and ___ girls

★ 7. How long is the pencil? Each box is 1 centimeter long.
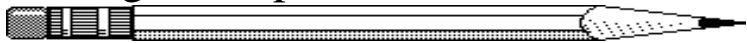
Answer: _____ centimeters

★★★ 1. Find a pattern. How many *more* pennies do you need in order to add three more rows?

Answer: _____ pennies

★ 2. Tamika subtracted $5.00 from $12.00 on her calculator. She got the answer shown. Circle the sentence below that makes the best sense.

7.
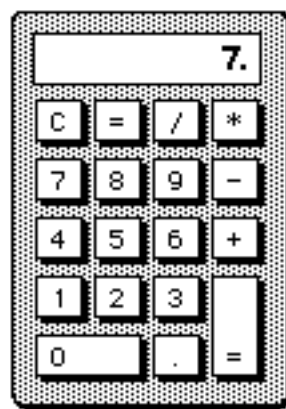
a. Her calculator may be broken.
b. Her calculator needs a battery.
c. Her calculator is working fine.

★★ 3. Measure the length of the key. Use an inch ruler.

Answer: _____ inches

★ 4. 10 - 9 + 8 - 7 + 6 - 5 + 4 - 3 + 2 - 1 + 0 =_____

★★★   5. Next year your older sister will be 12, your brother will
       be 14 and you will be 7 years old. You have a box of 35
       birthday candles. Are there enough candles for the birthday
       cakes?

                        Answer: _____ (yes or no)

★   6. Pretend that yesterday was May 5th. Then tomorrow
       would be May _____.

★★★   7. Rachel got a baby chick for Easter. She made a graph of
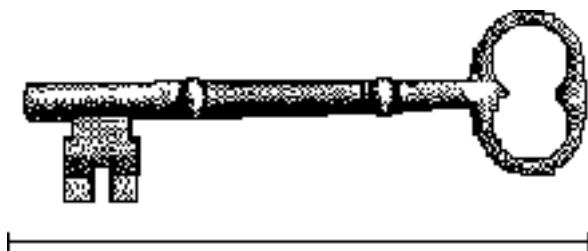   the chick's weight, in grams, each month.

         a. How much did the chick gain from April to May? ____ grams

         b. How much did the chick gain from May to June? ____ grams

         c. Finish the graph. Show that the chick gained 5 grams each
            month through October.
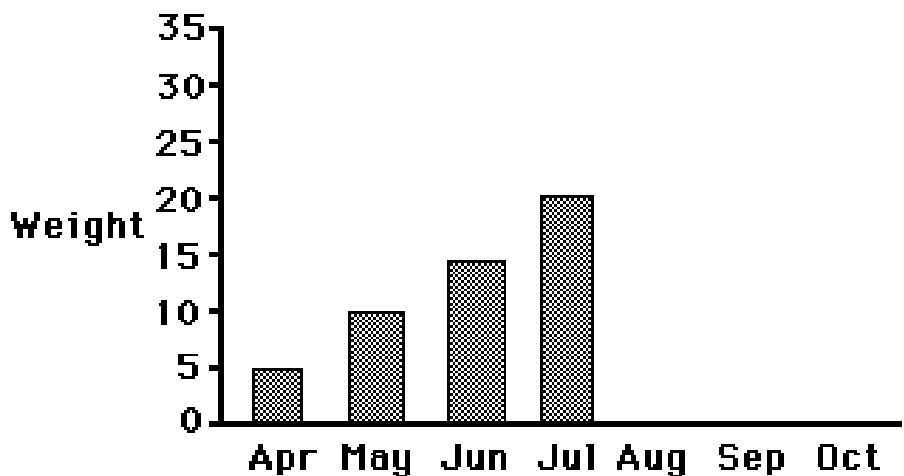
★★   1. You have a dime and four pennies. How much more do you need to buy the apple?

20¢

Answer: _____ ¢

★★★   2. Rachael goes to the zoo at 10:15. She stays until 1:00. Which animals can she see being fed?

Feeding Times

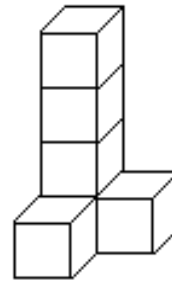| Animal	Time
monkeys	10:00 to 10:10
lions	10:30 to 10:45
elephants	11:00 to 11:30
bears	12:00 to 12:30
zebras	1:30 to 1:45
giraffes	2:30 to 2:45

Answer:_____

★★★★   3. I saw some lions at the zoo. I counted 24 lion legs. How many lion tails did I see? How many lion eyes did I see?
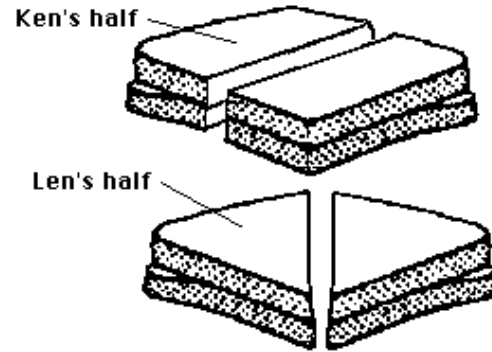
Answer: ___ tails and

___ eyes

★★ 4. Paul made three figures like this from blocks. How many blocks did he use altogether?

Answer: _____ blocks

★★★ 5. Twins Ken and Len had the same size sandwich. Ken cut his sandwich in half and ate one part. Len cut his sandwich in half and ate one part. Who ate the biggest half?

Ken's half

Len's half

Answer: _____

★★★ 6. In *arrow math* , follow the arrow. For example, 38›39 and 23⁄14. Write the new number in each box.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

7 ↓ ☐   4 ↓ ☐   25 ↓ → ☐

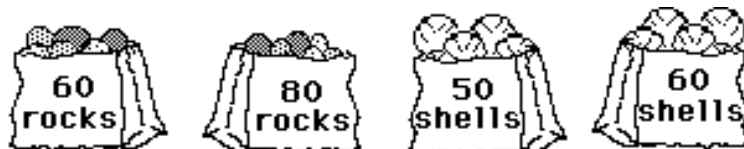★★ 7. Use *arrow math* to find this number:

24 ⁄ › ☐

★   1. How many dimes and how many pennies do you need to buy the ice cream sundae?

| sundae .... 41¢ |
| soda ...... 36¢ |

Answer: ____ 's and _____ 's

★★   2. Amy bought 20 more rocks than shells. Which two bags did she buy? Circle the bags.

60 rocks   80 rocks   50 shells   60 shells

★★   3. Jan tossed three beanbags.
Each beanbag landed on a different number.
Jan's score was 8.
What numbers did the beanbags land on?
Circle them.

| 1 | 3 |
| 2 | 4 |

★★★★ 4. A frog fell in a 10-foot deep hole. Starting at 5:00 o'clock, the frog jumped up 3 feet each minute. But he fell back 1 foot while resting for the next jump. What time did the frog get out of the hole? Draw a picture of the frog 's trip, to help you.
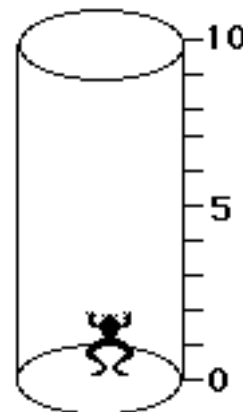
Answer: The frog got out at _____.

★★ 5. Write the numbers and the number sentences. The first is done for you.
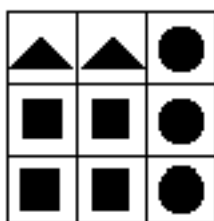
	Shapes in All:	Remove:	Number Left:	Number Sentence:
	_9_	all ▲'s	_7_	_9 – 2 = 7_
	___	all ●'s	___	_____
	___	all ■'s	___	_____
	___	all ■'s and all ●'s	___	_____

★ 6. Draw 5 x's in each box.

Draw 4 extra x's.
How many x's in all?

Answer: _____ x's
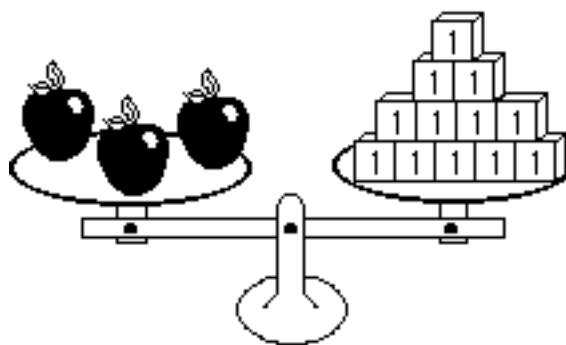
★★★   1. Jake bought a pencil and a ruler. He spent a quarter and
         two pennies. How much did the ruler cost? Write the cost
         on the sales tag.
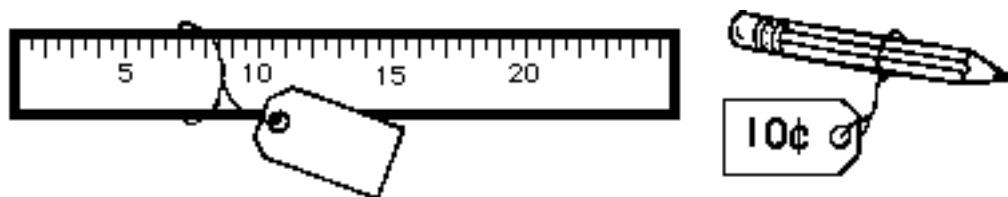
★★★   2. Three apples were the
         same size. Jorge made the 3
         apples balance with twelve
         1-ounce weights. How
         much did each apple weigh?

         Answer: _____ ounces

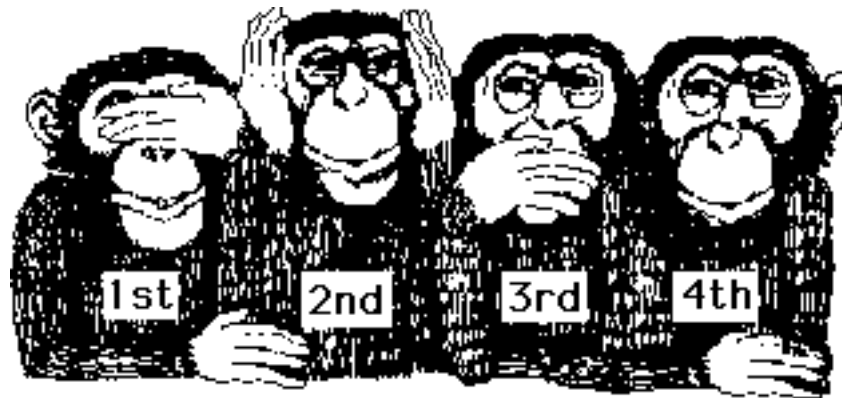 ★   3. Use an inch ruler to measure the pencil.

                                        Answer: _____ inches

★★ 4. Pete and his 3 friends are lined up. Use these clues to find Pete's place in line.

• Pete is next to his friend that speaks no evil.
• Pete is not on the end.

Write your answer here: Pete is _____ in line.

1st   2nd   3rd   4th

★ 5. If you write the numbers 1 through 30, how many times will you write a 3?

Answer: _____ times

★★ 6. Use these shapes. Create a picture worth 18¢. Your shapes can be larger or smaller than the ones shown. Draw your picture below:

5¢

3¢   1¢