

Practicing for the TerraNova



How can this booklet help?

A note to families

In the booklet you hold now, there is a practice version of the Terra Nova. This test ties together the concepts and skills the student has learned in this year's *McGraw-Hill Mathematics*, using a format similar to the TerraNova.



What should I know about the TerraNova?

This booklet will help you get ready for the TerraNova. The TerraNova is a test you will take to see how much you have learned.

Here is what you do:



Bubbles

A computer scores the TerraNova. You will fill in bubbles to answer questions.

- Fill in the bubble completely.
- Make your marks dark.
- If you make a mistake, be sure to erase it all.



Correct	Incorrect	Incorrect	Incorrect	Incorrect
<input type="radio"/> 2	<input type="radio"/> 2	<input type="radio"/> 2	<input type="radio"/> 2	<input type="radio"/> 2
<input type="radio"/> 5	<input type="radio"/> 5	<input type="radio"/> 5	<input type="radio"/> 5	<input type="radio"/> 5
<input checked="" type="radio"/> 7	<input checked="" type="radio"/> 7	<input checked="" type="radio"/> 7	<input checked="" type="radio"/> 7	<input checked="" type="radio"/> 7
<input type="radio"/> 9	<input type="radio"/> 9	<input type="radio"/> 9	<input type="radio"/> 9	<input type="radio"/> 9

How should I do the questions?

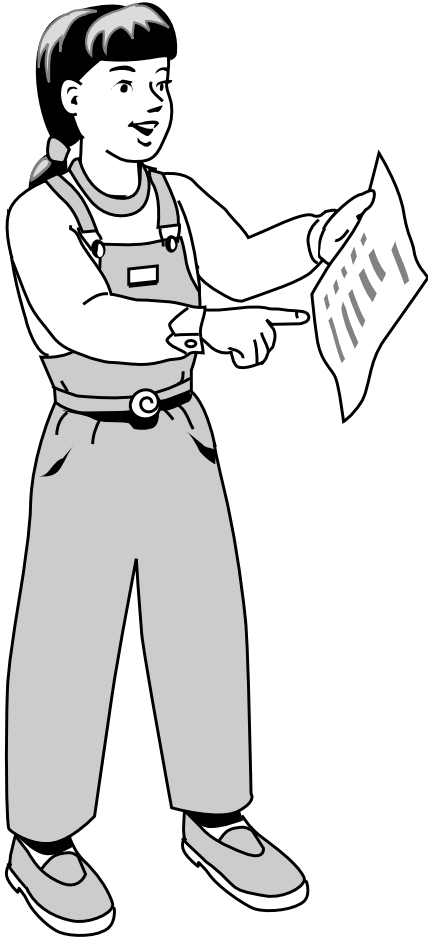
What number is the same as ninety-three?

- ☐ 39
- ☐ 93
- ☐ 90
- ☐ 30

- Read the problem.
- Write your work in the white spaces on your paper.
- Check your work.
- Look for the answer that is the same as yours.
- Fill in the bubble.



How can I check my work?



Ask these questions:

- Did I use the right information?
- Does my answer make sense?
- Did I answer the question?
- Did I do the math correctly?
- Did I fill in the bubble correctly?

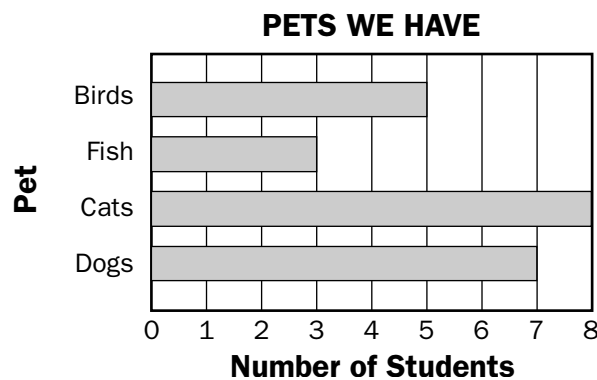
Jasmine has 9 pairs of shorts, 8 T-shirts, and 8 pairs of jeans. How many pairs of shorts and jeans does she have?

- ☐ 16
- ☐ 17
- ☐ 21
- ☐ 25

Preparing for the TerraNova

A multiple-choice test can be the easiest kind of test. Why? Because you know that one of the choices is the right answer. All you have to do is figure out which one it is.

❶ How many students have birds?



- ☐ 13 *5 students*
- ☐ 8
- ☐ 5
- ☐ 3

Check that you found the correct data in the table.

Sometimes one of the answers doesn't make sense. Eliminate that choice right away.

❷ It took Mr. Cox 2 hours to get home. He got home at 4:30. At what time did he leave?

- ☐ 2:30 **Write it all out:**
- ☐ 3:00 *2 hours before 4:00*
- ☐ 3:30 *is 2:00.*
- ☐ 4:30 *2 hours before 4:30 is 2:30*

If your answer is not given, check the numbers you copied.

Practicing TerraNova Questions

- ❶ Lew had 14 packs of seeds. He gave 5 packs to his friends. Which number sentence could you use to find how many packs of seeds Lew has left?

- ☐ $14 + 5 = \square$
- ☐ $5 + 14 = \square$
- ☐ $14 - 5 = \square$
- ☐ $\square - 14 = 5$

- ❸ There are 29 students in Mrs. O'Hara's class. Which shows how many tens and ones?

- ☐ 2 tens 4 ones
- ☐ 29 tens
- ☐ 2 tens 9 ones
- ☐ 9 tens 2 ones

- ❷ Name the shape.



- ☐ triangle
- ☐ square
- ☐ rectangle
- ☐ circle

Make sure you understand the question.

Write in the white space when you're working on a problem.

- ④ Of the 50 students who are going on the field trip, 36 are already on the bus. How many students still need to get on the bus?

☐ 4
☐ 14
☐ 24
☐ 86

Estimate to see if your answer makes sense.

- ⑤ A fish tank has 14 goldfish in it. If 11 fish are added to the tank, how many fish are in the tank in all?

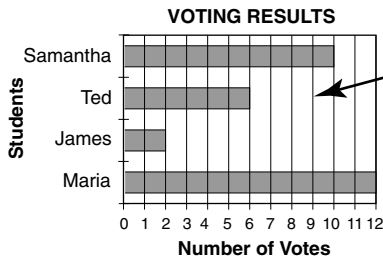
☐ 3
☐ 11
☐ 14
☐ 25

- ⑥ There are 7 cars in the parking lot. 4 of them are red. The rest are white. How many of the cars are white?

☐ 3
☐ 4
☐ 9
☐ 15

Sometimes it helps to draw a picture or a diagram.

- 7 The second graders in Ms. Balfour's class voted for their class officers. They recorded their votes in this bar graph.



Check that you used the correct data from the graph.

How many votes did Maria get?

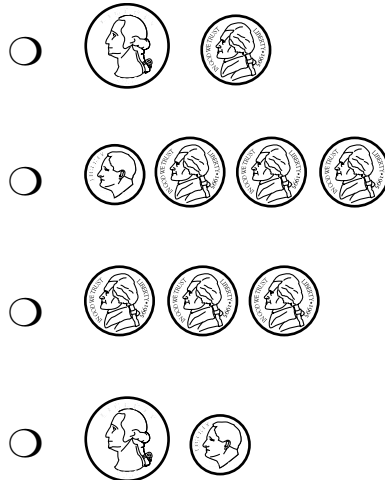
- ☐ 4
- ☐ 6
- ☐ 12
- ☐ 18

- 8 Miki has the following coins in her pocket.



Use the picture. Cross out 60¢, and count how much is left.

She buys a snack for 60¢. Which set of coins shows how much money she has left?



Check, please.

Before turning in the test, go back one last time to check.

- ☐ I filled in 1 bubble for each question.
- ☐ I checked all my math.
- ☐ My answers make sense.

Practice TerraNova Grade 1

Name: _____

Date: _____

Sample A

Eva has 9 baseball cards. Josh has 14 baseball cards. How many baseball cards do Eva and Josh have in all?

- ☐ 19
- ☐ 24
- ☐ 5
- ☐ 23

Sample B

Mark has these coins in his pocket.



How much more money does he need to buy a candy bar for 25¢?

- ☐ 3¢
- ☐ 7¢
- ☐ 8¢
- ☐ 4¢

Part I

15 minutes

1 $4 + 2 =$

- ☐ 3
- ☐ 2
- ☐ 7
- ☐ 6

2 $13¢ + 14¢ =$

- ☐ 17¢
- ☐ 27¢
- ☐ 28¢
- ☐ 21¢

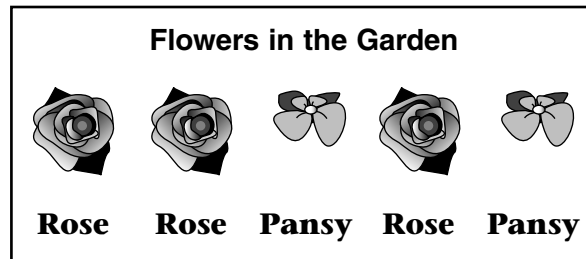
3
$$\begin{array}{r} 34 \\ -13 \\ \hline \end{array}$$

- ☐ 11
- ☐ 17
- ☐ 21
- ☐ 27

4
$$\begin{array}{r} 19 \\ -3 \\ \hline \end{array}$$





- ☐ 20
- ☐ 22
- ☐ 16
- ☐ 7

5







Which table shows the number of flowers in the garden?




☐

Roses			
Pansies			






☐

Roses			
Pansies			

☐

Roses			
Pansies			

☐

Roses			
Pansies			

July

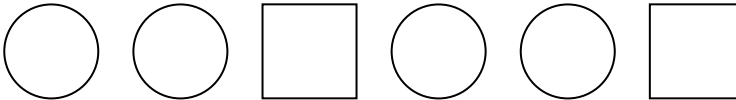

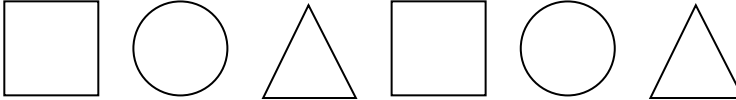

<i>Sunday</i>	<i>Monday</i>	<i>Tuesday</i>	<i>Wednesday</i>	<i>Thursday</i>	<i>Friday</i>	<i>Saturday</i>
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

What day of the week is July 19?

- ☐ Sunday
- ☐ Monday
- ☐ Tuesday
- ☐ Wednesday

7

Which shows the pattern CIRCLE - SQUARE - TRIANGLE?

- ☐ 
- ☐ 
- ☐ 
- ☐ 

LOOK AT THE PATTERN

Use the pattern to answer numbers 8 and 9.



Monkey



Turtle



Dog



Bird



Monkey



Turtle



Dog



Bird

8

If the pattern continued, which picture would be next?

☐



☐



☐



☐



9

Which would be the tenth picture?

☐



☐



☐

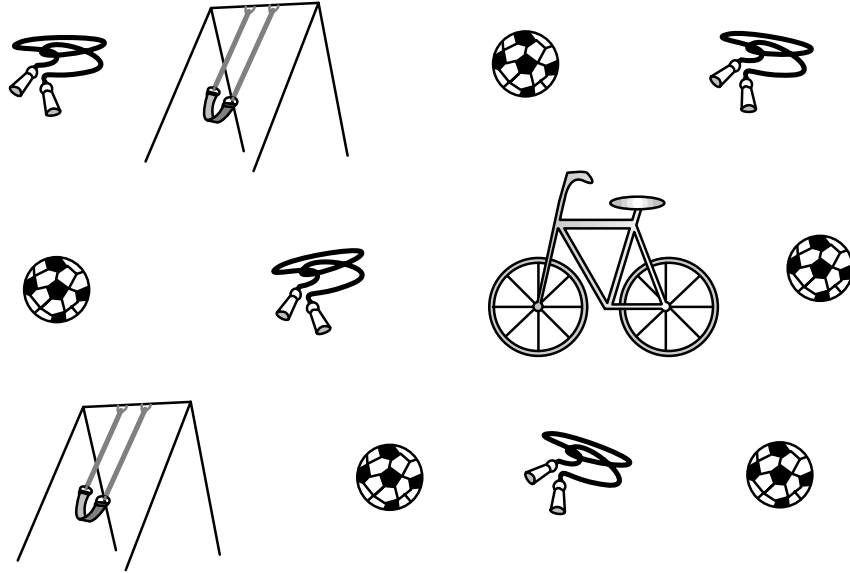


☐



Name: _____

Date: _____



Ms. Presley's class is going to the playground. They may play with anything in the drawing. Look at the drawing. Then answer numbers 10 through 12.

- 10** How many swing sets are there at the playground?

☐ 6
☐ 1
☐ 5
☐ 2

- 11** Fill in the blank:

The playground has the most _____.

☐ soccer balls
☐ swing sets
☐ bicycles
☐ jump ropes

- 12** Sam, Mindy, and Jo are each using a jump rope. How many jump ropes are left?

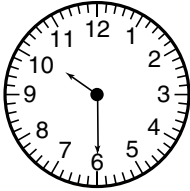
☐ 4
☐ 0
☐ 1
☐ 2

STOP!
Wait for your teacher to tell you to begin Part II.

Part II

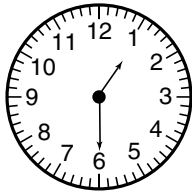
45 minutes

- 13** This is the time now:

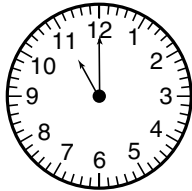


What time will it be 30 minutes from now?

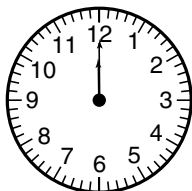
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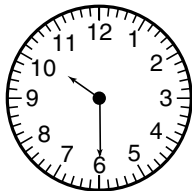
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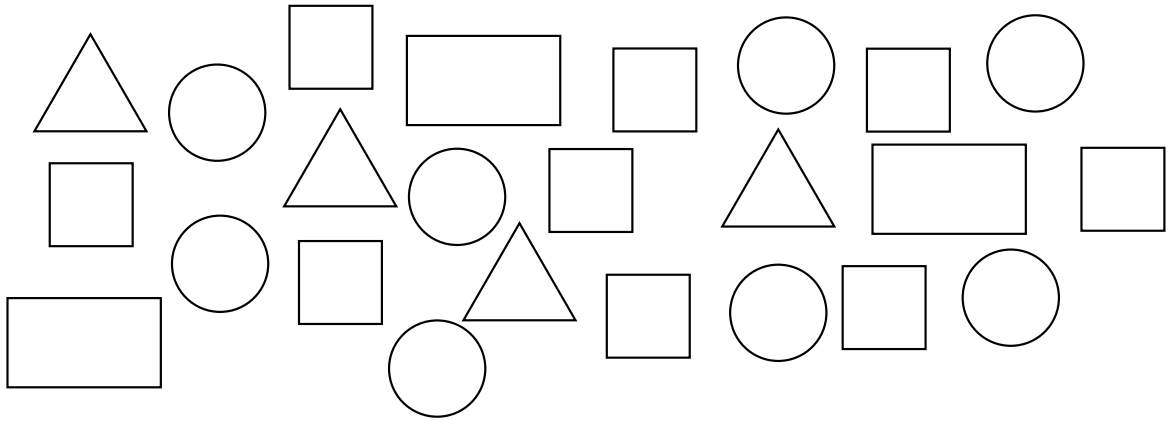
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☐



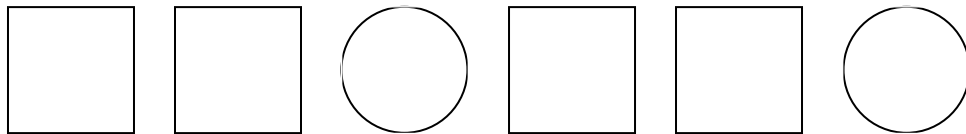
14 Look at the shapes:



How many triangles are there?

- ☐ 5
- ☐ 4
- ☐ 7
- ☐ 1

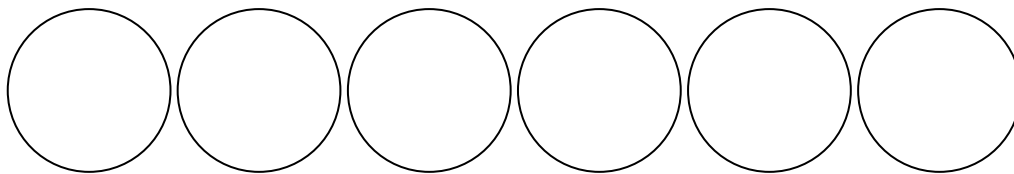
15 Look at the pattern:



What is another way you could show the pattern?

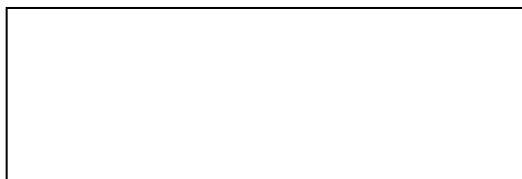
- ☐ **A A B A A B**
- ☐ *** # @ * # @**
- ☐ **2 1 1 2 1 1**
- ☐ **> < ^ ^ > <**

Use the circles below to estimate the size of the rectangles.



16 Which rectangle is about **FOUR** circles long?

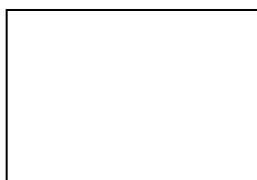
☐



☐



☐

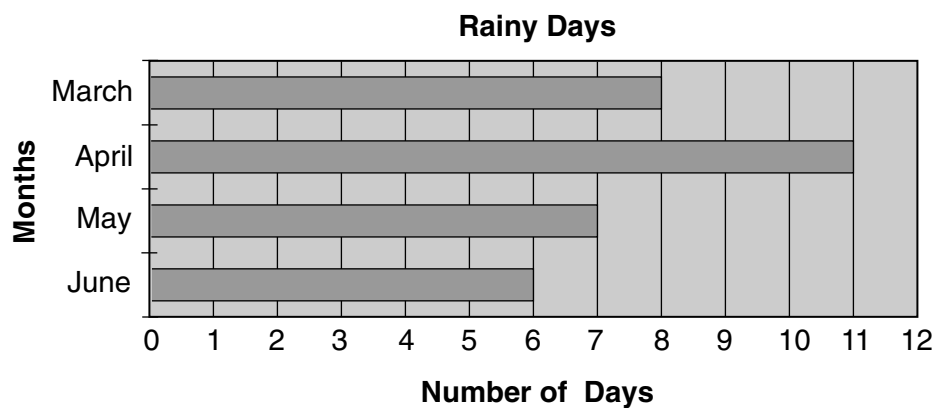


☐



RAINY DAYS

Look at the graph. Then answer numbers 17 and 18.



17 What month had the MOST rainy days?

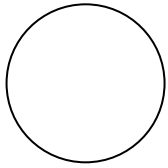
- ☐ March
- ☐ April
- ☐ May
- ☐ June

18 Which month had seven rainy days?

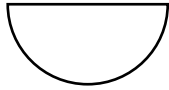
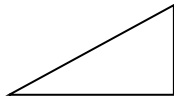
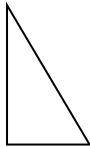
- ☐ March
- ☐ April
- ☐ May
- ☐ June

19

Look at the shape.



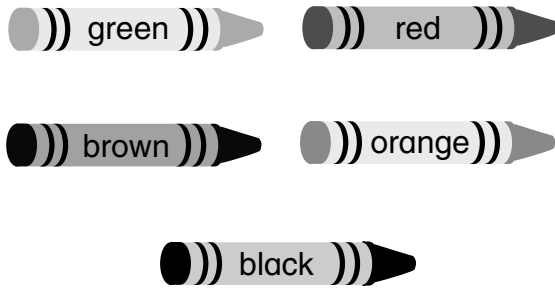
If you folded it in half, what would it look like?

☐☐☐☐**20**Skip count by 2s.
Complete the pattern.**2, 4, 6, 8, —, —, —**☐ 20, 30, 40☐ 10, 15, 20☐ 10, 12, 14☐ 5, 8, 11

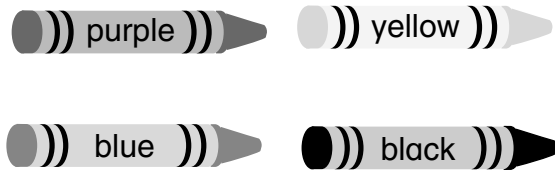
ART CLASS

Ellen and Ted each have a box of crayons. Look at their crayon boxes, then answer numbers 21 and 22.

Ellen's Crayons


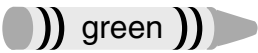




Ted's Crayons



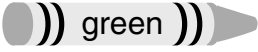

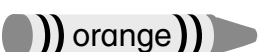

21

Which color crayon is in both Ellen's and Ted's crayon boxes?

- ☐ 
- ☐ 
- ☐ 
- ☐ 

22

Which color could Ellen borrow from Ted?

- ☐ 
- ☐ 
- ☐ 
- ☐ 

23

$$\begin{array}{r} 40 \\ + 20 \\ \hline \end{array}$$

- ☐ 600
- ☐ 420
- ☐ 10
- ☐ 60

24

$$3 + 7 + 3 =$$

- ☐ 11
- ☐ 13
- ☐ 17
- ☐ 21

25

$$11 - 5 =$$

- ☐ 8
- ☐ 5
- ☐ 6
- ☐ 2


26

Bill had three cookies. He ate two. Which number sentence would help you find out how many cookies Bill has left?

- ☐ $3 + 2 = \square$
- ☐ $3 - 2 = \square$
- ☐ $6 - 3 = \square$
- ☐ $6 + 3 = \square$

27

Marty's Pet Shop has 5 .

A customer bought 2 .

How many  are left at

Marty's Pet Shop?

- ☐ 1
- ☐ 6
- ☐ 4
- ☐ 3


28

Tom ate 3



Huck ate 4



How many  did Tom and
Huck eat in all?

- ☐ 5
- ☐ 7
- ☐ 2
- ☐ 11

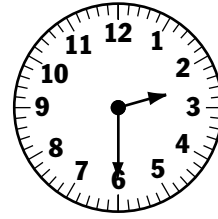
29

Which answer is equal to 7?

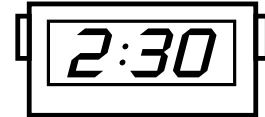
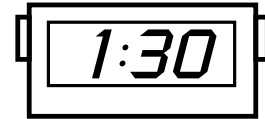
- ☐ $5 + 3$
- ☐ $4 + 4$
- ☐ $4 + 3$
- ☐ $6 + 2$

30

Look at the clock.



Which digital clock shows the same time?

☐☐☐☐

31

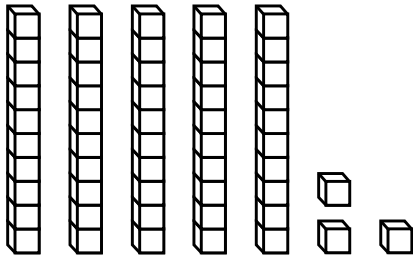
This is the change in Harvey's pocket.



How much money does Harvey have in his pocket?

- ☐ 29¢
- ☐ 81¢
- ☐ 6¢
- ☐ 52¢

32

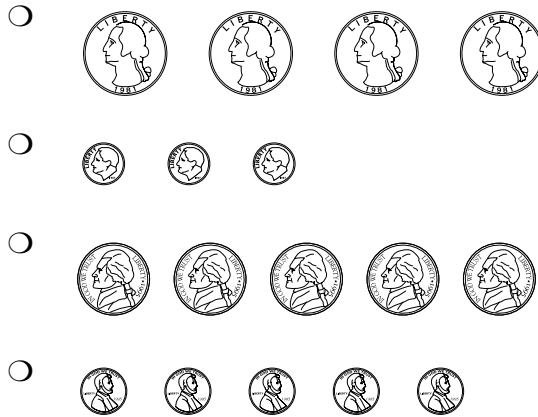


How many blocks are in the picture?

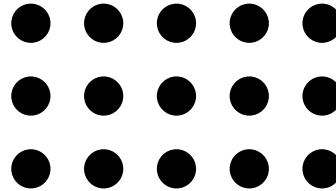
- ☐ 503
- ☐ 35
- ☐ 53
- ☐ 305

33

Which answer shows an even number of coins?



34

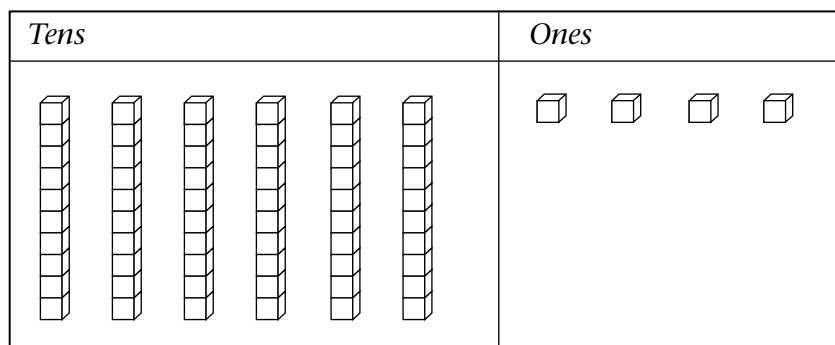


Look at the dots. How many are there?

- ☐ 23
- ☐ 3
- ☐ 11
- ☐ 15

35

Look at the chart:

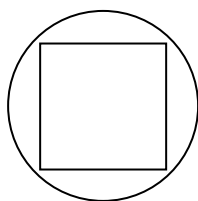
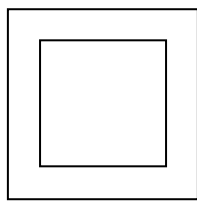
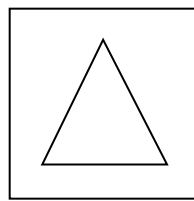
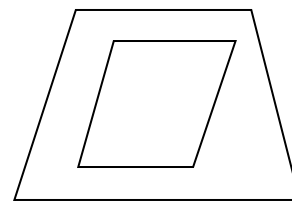


Which number does the chart show?

- ☐ 46
☐ 44
☐ 604
☐ 64

36

Which answer shows a square inside a square?

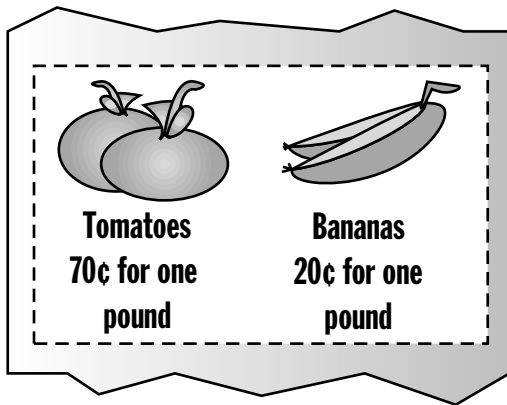
☐☐☐☐



Shirley picked 3 .

How many  were left?

- ☐ 10
- ☐ 4
- ☐ 8
- ☐ 2

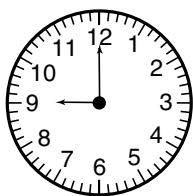
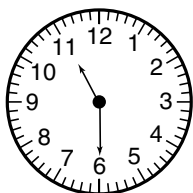
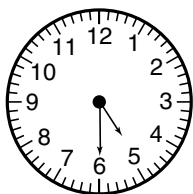
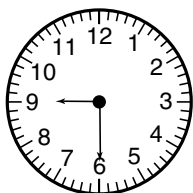


Ms. Phillips took 95¢ to the market. She bought one pound of tomatoes and one pound of bananas. How much money did she have left after shopping?

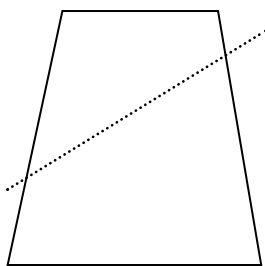
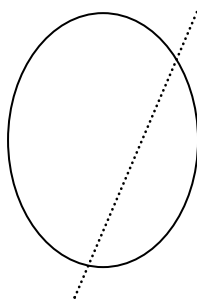
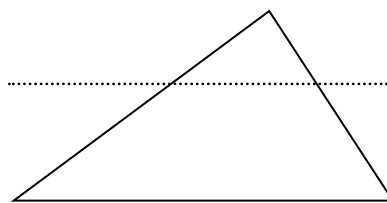
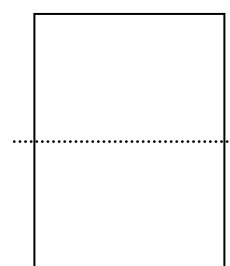
- ☐ 5¢
- ☐ 25¢
- ☐ 70¢
- ☐ 93¢

39

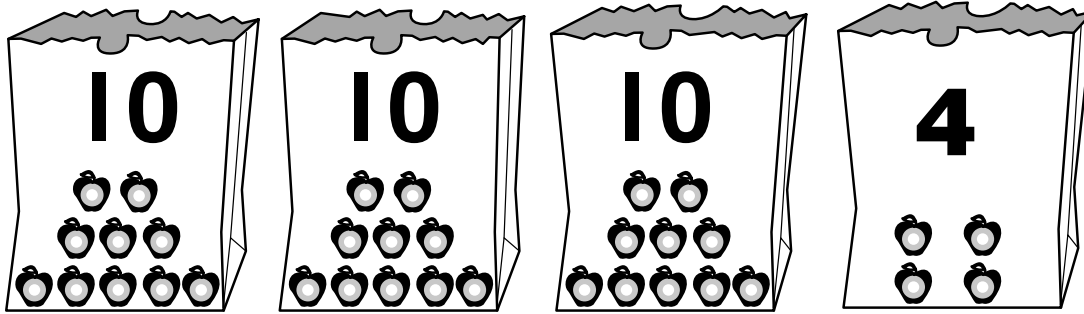
Which clock shows what time it will be one half-hour AFTER 8:30?

☐☐☐☐**40**

Which shape shows halves?

☐☐☐☐

41



How many apples are in the sacks?

- ☐ 20
- ☐ 4
- ☐ 34
- ☐ 7

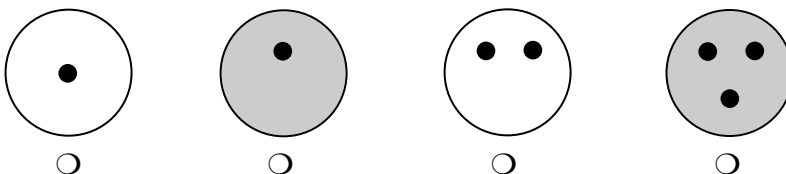
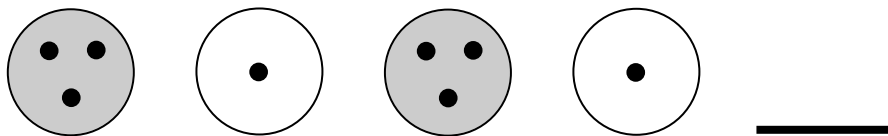
42

Which number has a six in the tens place?

- ☐ 62
- ☐ 16
- ☐ 6
- ☐ 26

43

What could come next in the pattern?



44



What shape are the wheels of the car?

- ☐ squares
- ☐ triangles
- ☐ circles
- ☐ stars

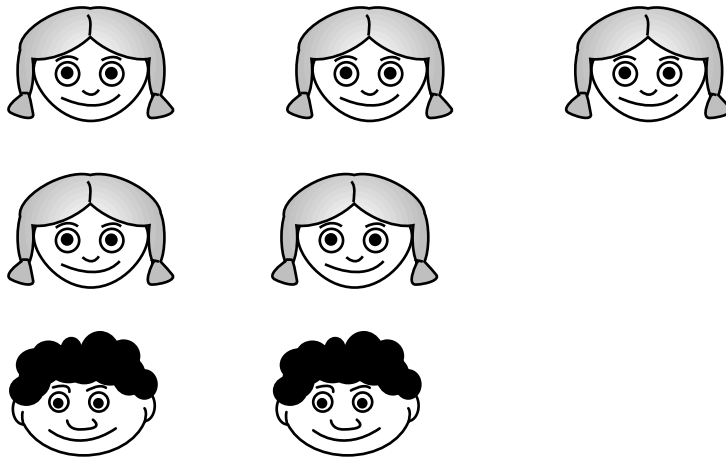
45



Which line is about four squares long?

- ☐
- ☐
- ☐
- ☐

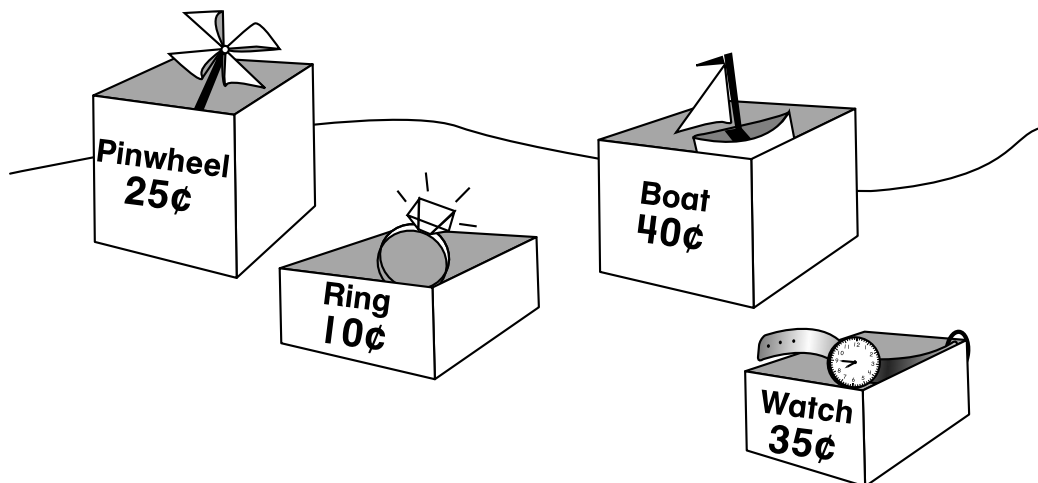
46



How many MORE girls are in the picture than boys?

- ☐ 4
- ☐ 1
- ☐ 3
- ☐ 6

47



Arthur has 35¢. What two items does he have enough money to buy?

- ☐ a ring and a boat
- ☐ a pinwheel and a ring
- ☐ a watch and a ring
- ☐ a boat and a watch

STOP