



New York State Testing Program

Mathematics Test Book 1

Grade **3**

May 5–7, 2010





Developed and published by CTB/McGraw-Hill LLC, a subsidiary of The McGraw-Hill Companies, Inc., 20 Ryan Ranch Road, Monterey, California 93940-5703.
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TIPS FOR TAKING THE TEST

Here are some suggestions to help you do your best:

- Be sure to read carefully all the directions in the test book.
- Read each question carefully and think about the answer before choosing your response.



This picture means that you will use your ruler.

Sample A

$$\begin{array}{r} 227 \\ + 14 \\ \hline \end{array}$$

- A 311
- B 241
- C 231
- D 232

Sample B



What number will be served next?



A



B



C



D

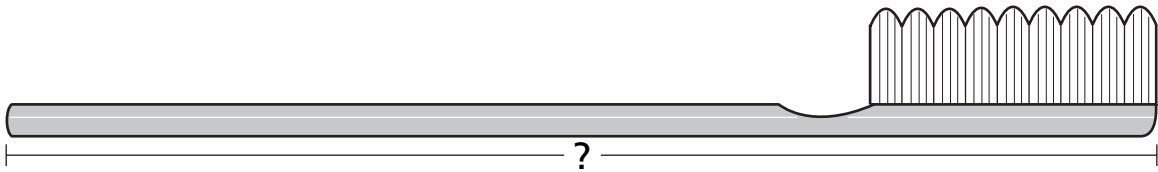
Go On

Sample C



Use your ruler to help you solve this problem.

How many inches long is the toothbrush shown below?



A $4\frac{1}{2}$

B 5

C $5\frac{1}{2}$

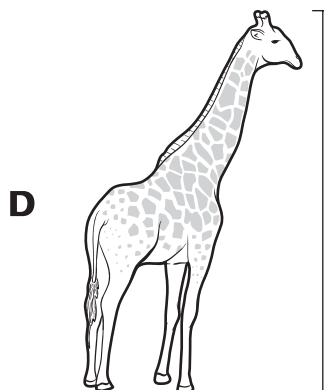
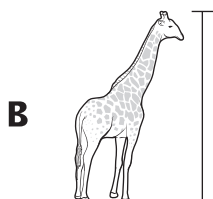
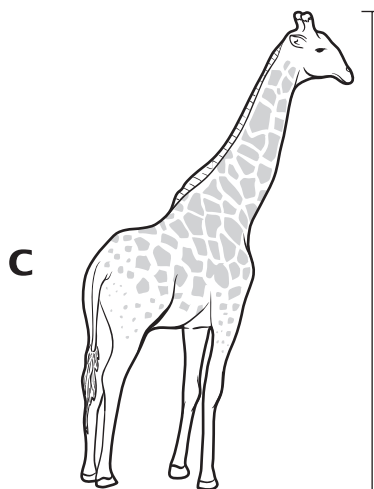
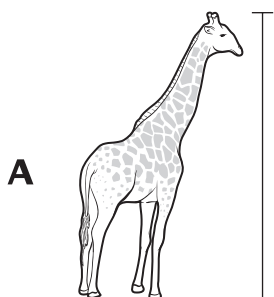
D 6

STOP

1

Use your ruler to help you solve this problem.

Helen wants to buy a giraffe sticker that is 2 inches tall. Which giraffe sticker is 2 inches tall?



Go On

2

What number is seven hundred sixty?

- A** 76
- B** 706
- C** 760
- D** 7,006

3

A bus has 14 rows with 4 passenger seats in each row. What is the total number of passenger seats on the bus?

- A** 18
- B** 46
- C** 48
- D** 56

4

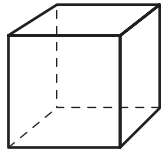
Kim says she is thinking of a number that is greater than 17. Her number is an **odd** number. Which number could be Kim's number?

- A** 15
- B** 16
- C** 25
- D** 26

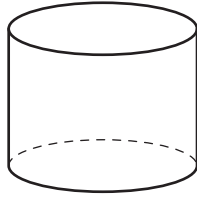
Go On

5

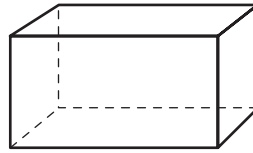
Chad's brother is playing with toy blocks like the ones shown below.



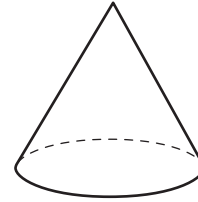
Block A



Block B



Block C



Block D

Which toy block is the shape of a cylinder?

- A** Block A
- B** Block B
- C** Block C
- D** Block D

6

Manny has 43 books. Which value is the same as 43?

- A** 43 tens
- B** 43 hundreds
- C** 3 tens and 4 ones
- D** 4 tens and 3 ones

Go On

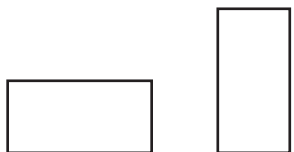
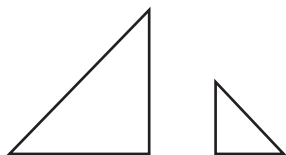
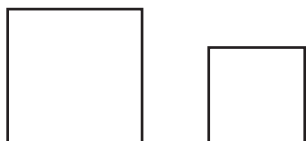
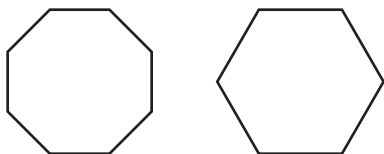
Yolanda buys a video game. She gets \$0.46 back in change. Which group of coins shows exactly \$0.46?



Go On

8

Which set has shapes that are congruent?

A**B****C****D*****Go On***

9

There were 9 people fishing at a lake. Each person caught 6 fish. What was the total number of fish caught by the 9 people?

- A** 15
- B** 48
- C** 54
- D** 62

10

The drawing below shows the number of pumpkins in Tyler's pumpkin patch.



Which expression can be used to find the total number of pumpkins in Tyler's pumpkin patch?

- A** 3×6
- B** $6 + 3$
- C** $3 + 3 + 3$
- D** $6 \times 6 \times 6$

Go On

- 11** What number belongs on the line below to make the number sentence true?

$$9 \times \underline{\quad ? \quad} = 0$$

- A** 0
- B** 1
- C** 3
- D** 9

- 12** Cameron is adding the numbers in the expression below.

$$38 + 71 + 52$$

Which is the most reasonable expression for Cameron to use to check his answer using estimation?

- A** $30 + 70 + 50$
- B** $30 + 80 + 60$
- C** $40 + 70 + 50$
- D** $40 + 80 + 60$

- 13** A store had 9 rugs and sold 5 of the rugs. Which number sentence can be used to find the number of rugs left in the store?

- A** $5 \times 9 = \underline{\quad ? \quad}$
- B** $5 - 9 = \underline{\quad ? \quad}$
- C** $9 + 5 = \underline{\quad ? \quad}$
- D** $9 - 5 = \underline{\quad ? \quad}$

Go On

14

Meggie used the expression below to find the total number of flowers in her garden.

$$4 \times 3$$

What is another way to write this expression?

- A** $3 + 4$
- B** 3×4
- C** $4 \times 4 \times 4$
- D** $3 + 3 + 3$

15

Justin drew the pattern of shapes below.



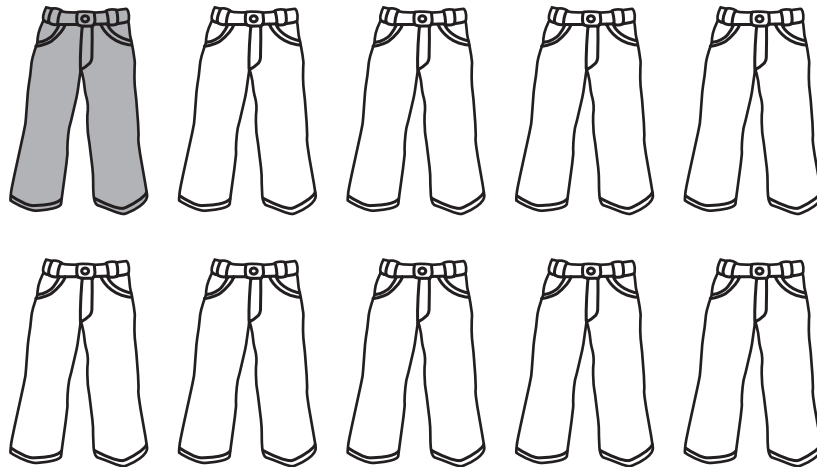
Which pattern follows the same rule as the pattern above?

- A**      
- B**      
- C**      
- D**      

Go On

16

Hannah owns the pants shown below.



What fraction of the set of pants are gray?

- A $\frac{1}{4}$
- B $\frac{1}{5}$
- C $\frac{1}{9}$
- D $\frac{1}{10}$

17

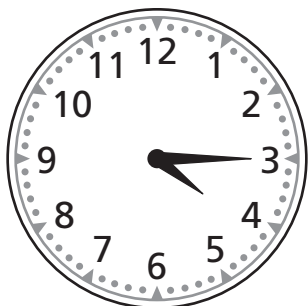
Which number sentence is true?

- A $65 < 60$
- B $25 < 30$
- C $15 > 25$
- D $30 > 55$

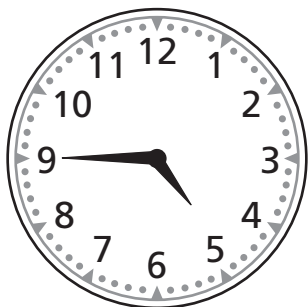
Go On

Soccer practice starts at 4:15 P.M. Which clock shows 4:15 P.M.?

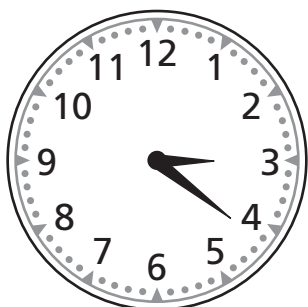
A



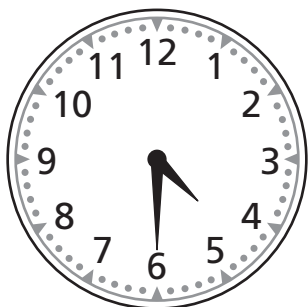
B



C



D

***Go On***

19

The number of cameras sold at a store during four days is shown in the pictograph below.

CAMERAS SOLD

KEY
X = 5 cameras

Day	Number of Cameras
Tuesday	X X
Wednesday	X X X X X X
Thursday	X X X X X
Friday	X X X X

On what day did the store sell exactly 20 cameras?

- A Tuesday
- B Wednesday
- C Thursday
- D Friday

20

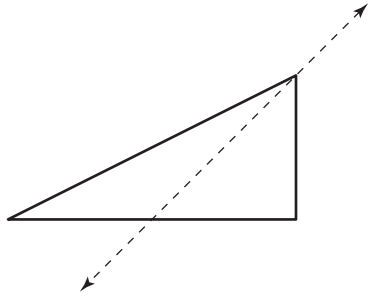
Which tool should Sheila use to measure the length of a student's desk?

- A measuring cup
- B ruler
- C clock
- D thermometer

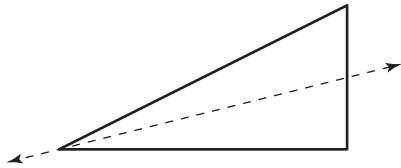
Go On

Which figure shows a line of symmetry?

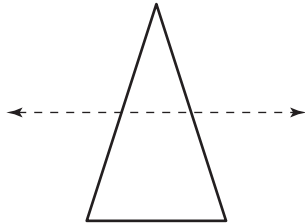
A



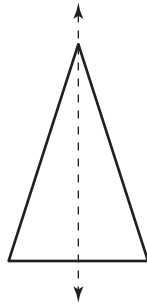
B



C



D



Go On

22 Which statement is an example of the fraction $\frac{1}{3}$?

- A** In Jake's fish tank, 1 of his 3 fish is a goldfish.
- B** In Jake's fish tank, 1 of his 4 fish is a goldfish.
- C** Jake has 3 fish that he feeds 2 times a day.
- D** Jake has 1 fish that he feeds 4 times a day.

23 What number belongs on the line below to make the number sentence true?

$$10 \times \underline{\quad ? \quad} = 10$$

- A** 0
- B** 1
- C** 20
- D** 100

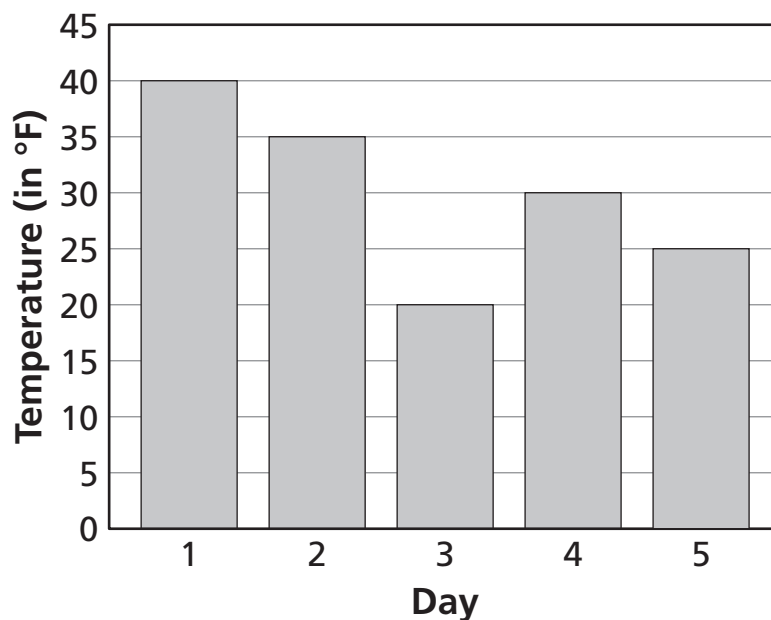
24 There are 27 students in Ms. Austin's class. She groups her class into 3 teams that have an equal number of students. How many students are on **each** team?

- A** 6
- B** 7
- C** 8
- D** 9

Go On

The temperature at 6:00 A.M. in Sunny City during five days is shown in the bar graph below.

TEMPERATURE AT 6:00 A.M. IN SUNNY CITY



According to the data in the table, on which day was the temperature higher than 25°F but lower than 35°F?

- A** Day 1
- B** Day 2
- C** Day 3
- D** Day 4

STOP



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