



New York State Testing Program

Mathematics Test Book 1

Grade **4**

March 5–9, 2007



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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



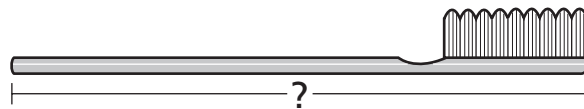
D

Sample C



Use your ruler to help you solve this problem.

How many inches long is the toothbrush shown below?



- A 2
- B $2\frac{1}{2}$
- C 3
- D $3\frac{1}{2}$

STOP

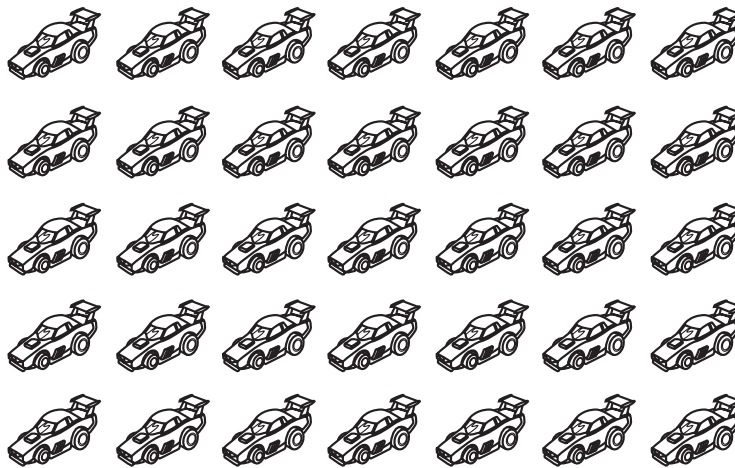
1

The number of people who live in Goodwin Falls is three thousand nine hundred eight. What is another way to write the same number?

- A 398
- B 3,098
- C 3,908
- D 3,980

2

Miguel placed his toy cars in 5 rows, with 7 cars in each row, as shown below.



Which expression can be used to find the total number of toy cars Miguel has?

- A $5 + 7$
- B $5 + 5 + 5 + 5 + 5$
- C $7 \times 7 \times 7 \times 7 \times 7$
- D 5×7

Go On

- 3** Shane has 387 stamps in his collection. What is 387 rounded to the nearest 10?
- A** 370
 - B** 380
 - C** 390
 - D** 400

- 4** The shape of the front of a birdhouse roof is shown below.



What is the name of the shape?

- 5** Last year, George and Tina read several books. George read 1,864 pages, and Tina read 1,429 pages. What is the total number of pages George and Tina read last year?
- A** 2,283
 - B** 2,293
 - C** 3,283
 - D** 3,293

- 6** Greg made the Input-Output table below.

GREG'S INPUT-OUTPUT TABLE

Input	Output
4	12
9	27
6	18
8	24

What rule can be used to find each **Output** number?

- A** Multiply by 3.
- B** Divide by 3.
- C** Multiply by 4.
- D** Divide by 4.

- 7** Lee brings 6 boxes of cookies to Juan's party. There are 9 cookies in each box. What is the total number of cookies Lee brings to the party?

- A** 15
- B** 48
- C** 54
- D** 56

Go On

8

Tony's teacher wrote this number sentence on the board.

$$15 \div 3 = 5$$

Which number sentence could Tony use to check the one his teacher wrote?

A $3 \times 5 = \square$

B $5 \div 3 = \square$

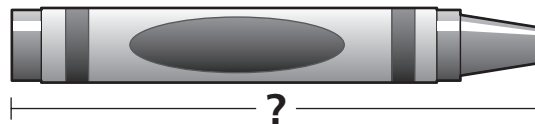
C $3 \times 15 = \square$

D $15 \times 5 = \square$

9

Use your ruler to help you solve this problem.

What is the length of the crayon shown below?



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

B $2 \frac{1}{2}$ inches

C $2 \frac{3}{4}$ inches

D $3 \frac{1}{4}$ inches

- 10** Liam uses the calendar below.

June						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			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		

Liam's birthday is June 7. Exactly 3 weeks later, Liam will go camping. On what date will Liam go camping?

- A June 10
- B June 19
- C June 21
- D June 28

Go On

11 Ms. Smith places 56 books in a bookcase that has 7 shelves. She places an equal number of books on each shelf. How many books does Ms. Smith place on each of the 7 shelves?

- A 7
- B 8
- C 49
- D 63

12 Which is the same as 30 tens?

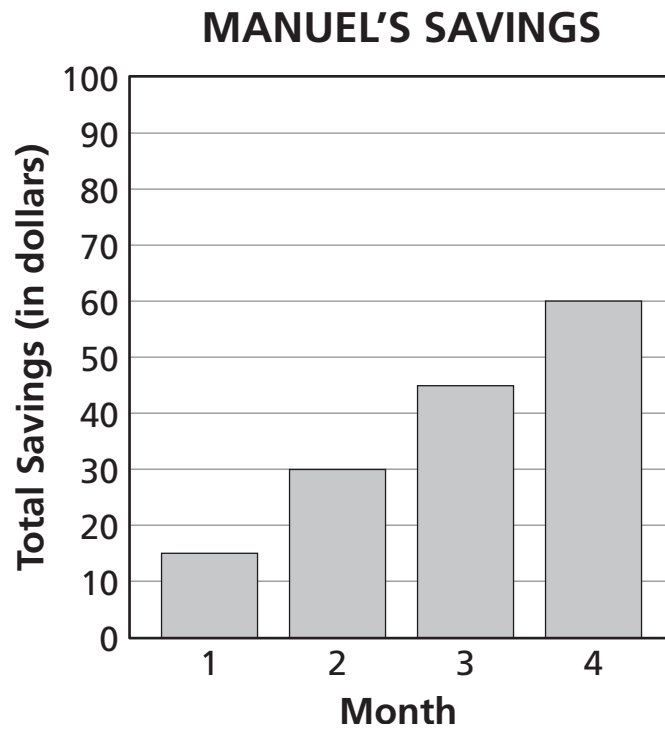
- A 3 ones
- B 30 ones
- C 3 hundreds
- D 30 hundreds

13 On Monday, 3 school buses take students to Miller School. Each bus carries 34 students. How many students take the bus to Miller School on Monday?

- A 92
- B 97
- C 102
- D 112

14

The bar graph below shows the total amount of money Manuel has saved over four months.



If Manuel continues to save the same amount of money each month, what will be his total savings in **Month 6**?

- A \$30
- B \$70
- C \$75
- D \$90

Go On

15 $46 \div 3 =$

- A 12
- B 12 R 1
- C 15
- D 15 R 1

16 Riley wrote the expression below.

$$(9 \times 2) \times 8$$

Which expression is equivalent to Riley's expression?

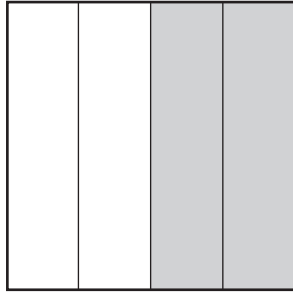
- A $9 \times (2 \times 8)$
- B $9 + (2 + 8)$
- C $(9 \times 2) + 8$
- D $(9 + 2) \times 8$

17 Which number has the greatest value in the thousands place?

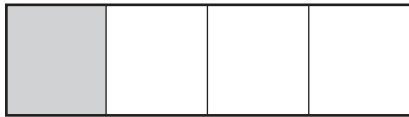
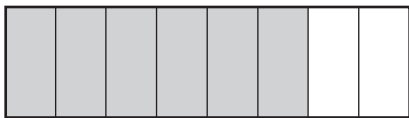
- A 12,294
- B 28,682
- C 34,971
- D 50,816

18

Nathan shaded $\frac{2}{4}$ of the figure below.



Which rectangle is shaded to show a fraction equivalent to $\frac{2}{4}$?

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

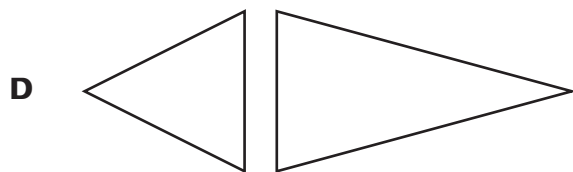
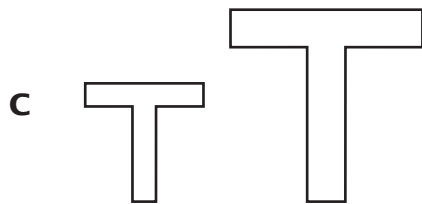
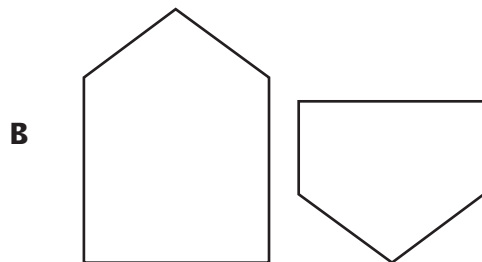
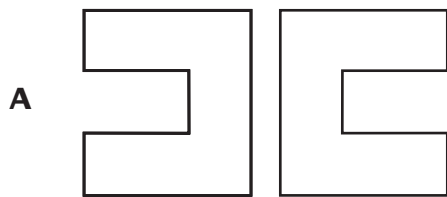
19

Mr. Stevens climbs 9 sets of stairs to his office. Each set of stairs has 10 steps. What is the total number of steps Mr. Stevens climbs to his office?

- A 19
- B 81
- C 90
- D 99

20

Connie cut two congruent figures out of paper. Which pair of figures did Connie cut out?



21

Mr. Matias bought 102 bottles of water for the football team. The water came in cases of 6 bottles of water in each case. Which number sentence can be used to find the number of **cases** of water Mr. Matias bought?

A $6 \times 102 = \square$

B $102 \div 6 = \square$

C $6 + \square = 102$

D $102 - \square = 6$

22

Ms. Keller's students have a goal to collect a total of 48 cans of food each day during their food drive. The food drive lasts 8 days. If they meet their goal, what will be the total number of cans Ms. Keller's students collect?

A 324

B 334

C 366

D 384

23

Which kind of numbers, when multiplied together, have a product that is an odd number?

A even \times even \times even

B even \times even \times odd





C odd \times odd \times even


D odd \times odd \times odd

Go On

The pictograph below shows the number of people who visited the Grove Art Museum over the last four months.

ART MUSEUM VISITORS

Month	Number of Visitors
April	
May	
June	
July	
August	?

KEY
 = 50 people

If the number of people who visit the museum continues to increase at the same rate, how many people will **most likely** visit the art museum in August?

- A 200
- B 250
- C 350
- D 500

There are 20 juice packs on a store shelf. Each juice pack contains 12 juice boxes. What is the total number of juice boxes on the shelf?

- A 24
- B 32
- C 200
- D 240

- 26** Which number belongs on the line below to make the number sentence correct?

$$4 + 2 > \underline{\quad} + 2$$

- A 2
- B 4
- C 6
- D 8

- 27** Jane is going to buy pizzas for a party. The table below shows the prices for different numbers of pizzas.

PIZZA PRICES

Number of Pizzas	Price
1	\$4
2	\$8
3	\$12
4	\$16

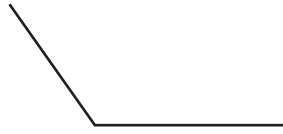
Which expression can be used to find the price of 10 pizzas?

- A 10×4
- B $10 + 4$
- C 16×4
- D $16 + 4$

Go On

28

Olivia wants to draw an octagon. She draws the 2 line segments shown below.



How many **more** line segments must Olivia draw to complete the octagon?

- A 2
- B 3
- C 4
- D 6

29

Dan wakes up at 7:30 A.M. on Saturday. He leaves for soccer practice at 10:00 A.M. How long is Dan awake on Saturday before he leaves for soccer practice?

- A 1 hour 30 minutes
- B 2 hours
- C 2 hours 30 minutes
- D 3 hours

30

In the pattern below, which number belongs in the box?

0, 5, 4, 9, 8, 13, 12, 17, 16,

- A 15
- B 19
- C 20
- D 21

STOP



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