New York State Testing Program

Mathematics Test
Book 1

Grade **3**

March 3–7, 2008

20290

Developed and published by CTB/McGraw-Hill LLC, a subsidiary of The McGraw-Hill Companies, Inc., 20 Ryan Ranch Road, Monterey, California 93940-5703. Copyright © 2008 by New York State Education Department. All rights reserved. No part of this publication may be reproduced or distributed in any form or by any means, or stored in a database or retrieval system, without the prior written permission of New York State Education Department.

Book 1

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

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

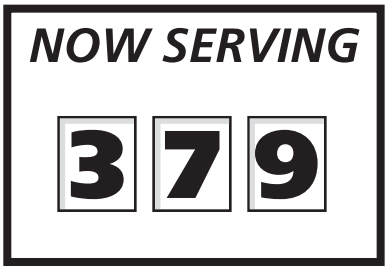
A 311

B 241

C 231

D 232

Sample B



What number will be served next?

A

B

C

D

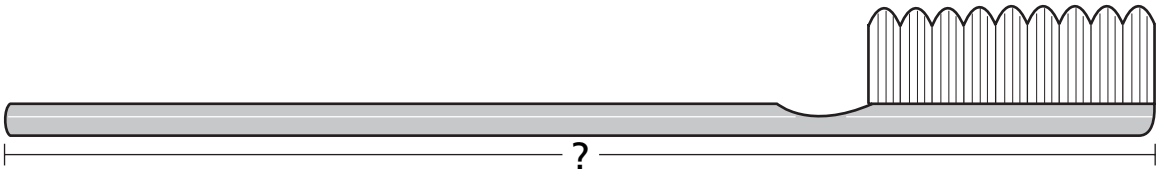
Go On

■ **SECURE MATERIAL** ■
Do not reproduce. Do not discuss contents until end of designated makeup schedule.

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 What number is the same as eight hundred four?

A 84

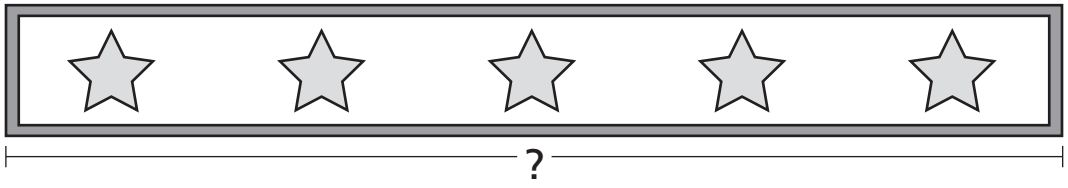
B 804

C 840

D 8,004

2 Use your ruler to help you solve this problem.

The drawing below shows the bookmark Becky bought.



How many inches long is Becky's bookmark?

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

B 5

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

D 6

Go On

3 Ms. Nakata spends $0.70 at the store. Which group of coins shows exactly $0.70 ?

A

B

C

D

Go On

■ **SECURE MATERIAL** ■
Do not reproduce. Do not discuss contents until end of designated makeup schedule.

4 What number belongs on the line below to make the number sentence correct?

$6 + 4 + 5 = 4 + _____ + 6$

A 4

B 5

C 10

D 15

5 An elephant ate 345 pounds of food on Saturday and 263 pounds of food on Sunday. What is the total amount of food the elephant ate during those two days?

A 508 pounds

B 598 pounds

C 608 pounds

D 609 pounds

6 David has an odd number of comic books. Which number could be the number of comic books David has?

A 16

B 23

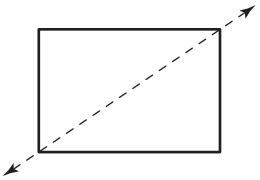
C 38

D 40

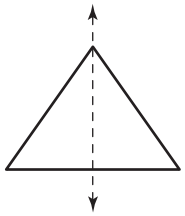
Go On

7 Which shape shows a correct line of symmetry?

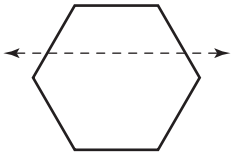
A



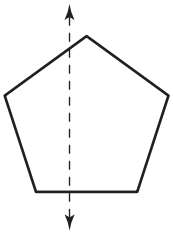
B



C



D



Go On

■ SECURE MATERIAL ■
Do not reproduce. Do not discuss contents until end of designated makeup schedule.

8 Tanya bought supplies at the school store. She received the coins below in change.

How much money did Tanya receive?

A $0.51

B $0.56

C $0.61

D $0.66

9 Jerome wrote the number sentence below.

$4 \times 8 = 8 \times$ _____

What number belongs on the line to make the number sentence correct?

A 4

B 8

C 12

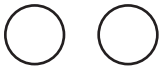
D 32

Go On

10 Darnell drew the pattern below.

What are the next two shapes in Darnell's pattern?

A

B 

C

D

11 The Green Tree Nursery planted lemon trees. They planted 4 rows of lemon trees with 7 trees in each row. What is the total number of lemon trees the Green Tree Nursery planted?

A 11

B 21

C 28

D 32

Go On

■ SECURE MATERIAL ■
Do not reproduce. Do not discuss contents until end of designated makeup schedule.

12 Mr. Robbins is making a sign for the front of the school. He places the digits shown below on the sign.

7 , 5 , 9

What is the **largest** number that Mr. Robbins can make using these three digits?

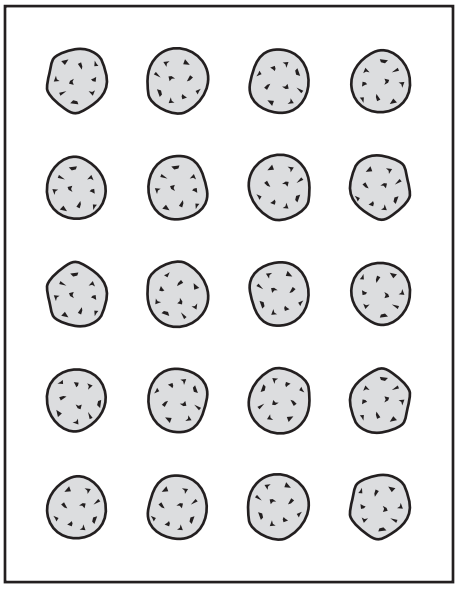
A 795

B 957

C 975

D 759

13 Anita bakes the cookies shown in the diagram below.



Which expression can be used to find the number of cookies Anita bakes?

A $4 + 4$

B 5×4

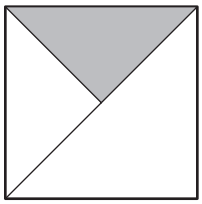
C $4 + 5$

D 5×5

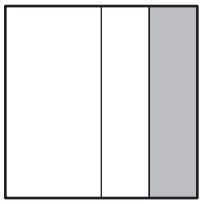
Go On

14 Which figure is $\frac{1}{3}$ shaded?

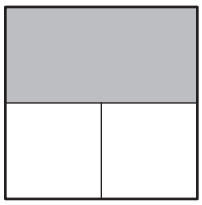
A



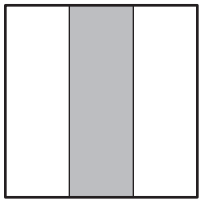
B



C



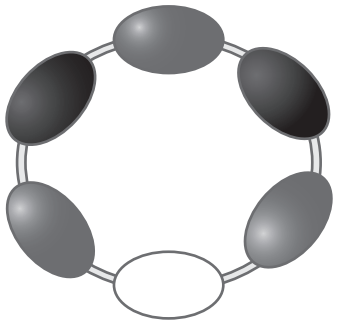
D



Go On

■ **SECURE MATERIAL** ■
Do not reproduce. Do not discuss contents until end of designated makeup schedule.

15 Nicole uses beads to make the bracelet shown in the diagram below.



What fraction of the total number of beads is white?

A $\frac{1}{2}$

B $\frac{1}{3}$

C $\frac{1}{5}$

D $\frac{1}{6}$

16 José measured the front door of his house. Which measure is **most likely** the height of the door?

A 8 feet

B 8 yards

C 8 inches

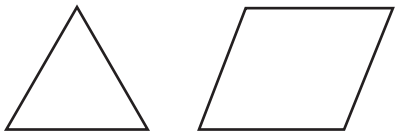
D 8 quarts

Go On

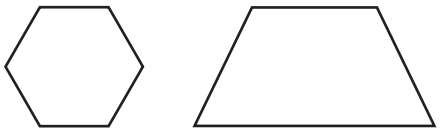
■ **SECURE MATERIAL** ■
Do not reproduce. Do not discuss contents until end of designated makeup schedule.

17 Which set has shapes with the same number of angles?

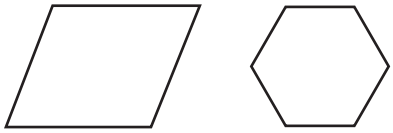
A



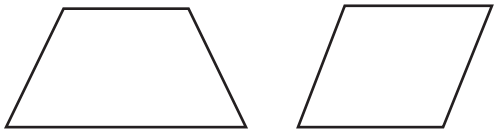
B



C



D



18 Jonathan writes the number sentence below.

$$37 \times \square = 37$$

What number belongs in the box to make the number sentence correct?

A 0

B 1

C 37

D 74

Go On

■ SECURE MATERIAL ■
Do not reproduce. Do not discuss contents until end of designated makeup schedule.

19 Sam writes the number sentence below.

$$____ < 486$$

Which number belongs on the line to make the number sentence correct?

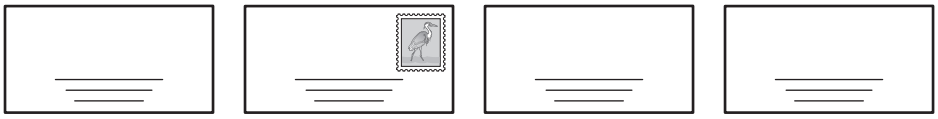
A 554

B 492

C 438

D 509

20 Andrea has placed a stamp on 1 of the 4 envelopes shown below.



On what fraction of the set of 4 envelopes did Andrea place a stamp?

A $\frac{1}{5}$

B $\frac{1}{4}$

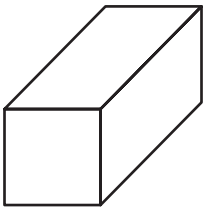
C $\frac{1}{3}$

D $\frac{1}{2}$

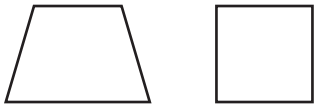
Go On

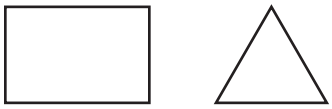
■ SECURE MATERIAL ■
Do not reproduce. Do not discuss contents
until end of designated makeup schedule.

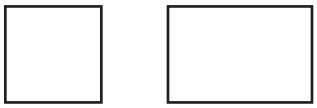
21 Mr. Northup has the block of wood shown below in his workshop.

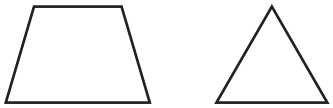


Which two figures are faces of the block of wood?

A 

B 

C 

D 

■ SECURE MATERIAL ■
Do not reproduce. Do not discuss contents
until end of designated makeup schedule.

22 Daniel's piano lesson starts at the time shown on the clock below.

At what time does Daniel's piano lesson begin?

A 3:30

B 6:15

C 6:30

D 7:15

23 Cory drew the pattern of dots shown below.

How many dots will be in the **fifth** figure in Cory's pattern?

A 7

B 8

C 9

D 10

Go On

24 Emily earned 489 points playing a game in class. Marcus earned 655 points, and Kendra earned 614 points playing the same game. Which statement about the number of points earned is correct?

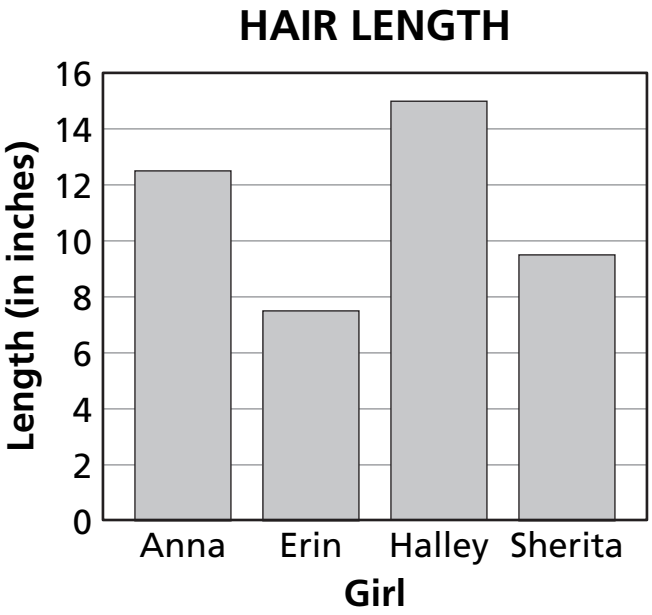
A $489 > 614$

B $489 > 655$

C $614 < 489$

D $614 < 655$

25 Anna and her friends measured the length of their hair. The bar graph below shows the length, in inches, of each girl's hair.



Which girl's hair is longer than 8 inches, but shorter than 12 inches long?

A Anna

B Erin

C Halley

D Sherita

STOP

■ SECURE MATERIAL ■
Do not reproduce. Do not discuss contents until end of designated makeup schedule.

Grade 3

Mathematics Test

Book 1

March 3–7, 2008

The McGraw-Hill Companies