



New York State Testing Program

Mathematics Test Book 2

Grade **4**

March 5–9, 2007

Name _____



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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 writing your response.
- Be sure to show your work when asked. You may receive partial credit if you have shown your work.



This picture means that you will use your ruler.

31

Ms. Elliott starts to walk from one end of the Golden Gate Bridge to the other end. The total distance is 8,981 feet. After walking 4,765 feet, she stops to rest. How many more feet must Ms. Elliott walk to get to the other end of the bridge?

Show your work.

Answer _____ feet

Go On

32 Morgan writes the number pattern below.

40, 36, 32, 28, ?

Part A

What is the next number in the pattern?

Answer _____

On the lines below, write the rule for Morgan's pattern.

Part B

On the lines below, complete the number pattern using the same rule as Morgan's pattern.

Pattern _____ , 22, _____ , _____

33

Sylvia has 50 photos of her summer vacation. She places 6 photos on each page of her photo album. There are 8 pages in her photo album. How many photos does Sylvia have left over?

Show your work.

Answer _____ photos

Go On

34

Pete's Hobby Shop sells model toys. Pete made the pictograph below to show the number of each type of model he sold in May. Pete did not complete the key.

MODEL SALES IN MAY

Type	Number Sold
Car	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Boat	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Airplane	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Truck	

KEY
<input type="checkbox"/> = ? Models

Part A

In May, Pete's Hobby Shop sold more than 5 boats and fewer than 10 cars. How many models does each in the pictograph represent?

Answer _____ models

Part B

Complete the pictograph to show that Pete's Hobby Shop sold 14 trucks in May.

35

Caitlin makes bracelets using beads. She uses 39 beads for each bracelet. How many beads does Caitlin need to make 4 bracelets?

Show your work.

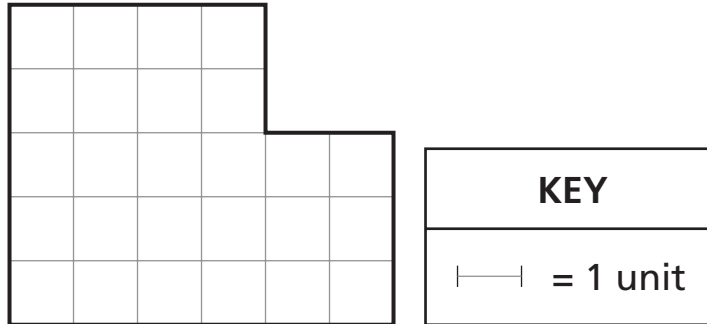
Answer _____ beads

Go On

36

King City is building a new playground in a park. The diagram of the new playground is shown on the grid below.

KING CITY PLAYGROUND



Part A

What is the perimeter, in units, of the playground?

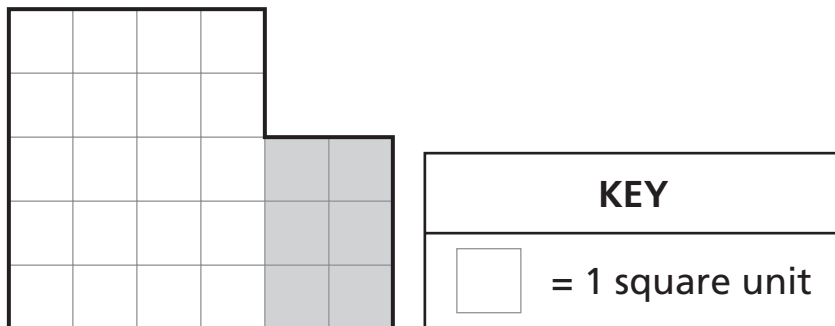
Show your work.

Answer _____ units

Part B

The playground will have a swing set in the shaded part of the playground, as shown below.

KING CITY PLAYGROUND



What is the area, in square units, of the **shaded** part of the playground?

Answer _____ square units

Go On

37

Corey bought a slice of pizza for \$3.50 and an orange for \$0.75. He gave the cashier \$10.00. How much money did Corey receive in change?

Show your work.

Answer \$ _____

Connor, Leah, and Andrew work at a bakery.

Part A

On Monday, Connor baked 36 muffins, and Leah baked 24 muffins. On the line below, write a number sentence to show the relationship between the number of muffins Connor baked and the number of muffins Leah baked. Use either $<$ or $>$ in your number sentence.

Number sentence _____

Part B

On Monday, Andrew baked more than 1, but fewer than 6, cakes. The two statements below describe the number of cakes Andrew baked.

number of cakes $<$ 3

number of cakes \neq 5

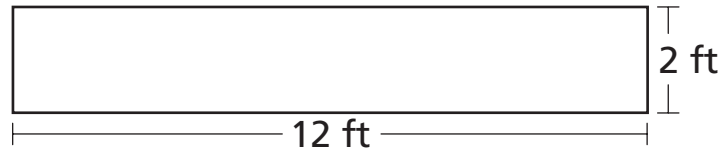
How many cakes did Andrew bake?

Answer _____ cakes

Go On

39

Mr. Scofield has a workbench in his shop. The length and width of the workbench are shown in the diagram below.



[not drawn to scale]

Part A

The length of the workbench is 12 feet. What is the length, in **yards**, of the workbench?

Answer _____ yards

Part B

The width of the workbench is 2 feet. What is the width, in **inches**, of the workbench?

Answer _____ inches

STOP

Place Student Label Here



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