



New York State Testing Program

Mathematics Test Book 3

Grade **4**

May 5–7, 2010

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.

40

Kyle is making 9 birdhouses. He uses 8 nails for each birdhouse. If Kyle has a box of 100 nails, how many nails will he have left after he makes the birdhouses?

Show your work.

Answer _____ nails

Go On

41

Faye, Martin, and John have stickers. Faye has 18 stickers. She gives some of her stickers to Martin, and now she has 7 stickers left.

Write a number sentence that can be used to find the number of stickers Faye gives to Martin.

Number Sentence _____ = _____

Faye now has 7 stickers. John has twice as many stickers as Faye. Complete the number sentence below that can be used to find the number of stickers John has.

Number Sentence _____ \times 7 = _____

42

Dennis buys an apple to eat after school. He pays for the apple with the money shown below.



Quarter

Quarter

Quarter

The price of the apple is \$0.57. How much money should Dennis get back in change?

Show your work.

Answer \$ _____

Go On

43

Ms. Upton spends a total of \$42 for 3 sweaters for her children. Each sweater costs the same amount. How much does each sweater cost?

Show your work.

Answer \$ _____

44

Mr. Williams received 35 boxes of books at his bookstore. There were 10 books in each box. What is the total number of books that Mr. Williams received?

Show your work.

Answer _____ books

Go On

45 Ashley writes the equation below.

$$(60 \times 3) \times 4 = 60 \times (\underline{\quad? \quad} \times 4)$$

What number should be written on the line to make the equation true?

Answer _____

On the lines below, explain why your number makes the equation true.

46

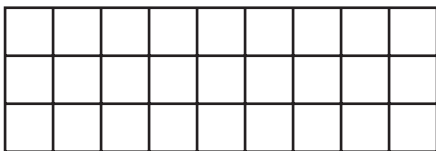
There are 60 hikers who need to get across a lake in boats. Each boat can hold up to 7 hikers. What is the **least** number of boats needed to take all the hikers across the lake in one trip?

Show your work.

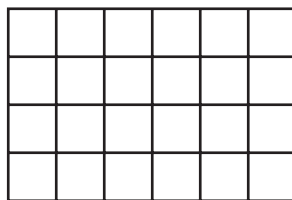
Answer _____ boats

Go On

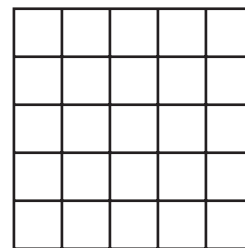
47 Ms. Garcia is shopping for a new rug.



Rug A



Rug B



Rug C

Ms. Garcia compared the perimeters of Rug A, Rug B, and Rug C.

Which two rugs have the same **perimeter**?

Show your work.

Answer Rug _____ and Rug _____

What is the **area**, in square units, of Rug A?

Answer _____ square units

Part A

Adam took a 6-hour car trip. During the first 4 hours, he drove 65 miles each hour. How far did Adam drive in 4 hours?

Show your work.

Answer _____ miles

Part B

During the next 2 hours, Adam drove 40 miles each hour. What is the total number of miles Adam drove during his entire 6-hour car trip?

Show your work.

Answer _____ miles

STOP

Place Student Label Here



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