

Name \_\_\_\_\_

# MATH in Minutes

## Level B

#8

### NUMBER AND OPERATIONS

**1** The median and the mode for this set of data are the same. Why?

**52, 46, 20, 52, 15, 52, 84**

### NUMBER AND OPERATIONS

**2** Which of these are equivalent to 0.3? How do you know?

**thirty hundredths**  
**three hundredths**  
**thirty-three thousandths**  
**three tenths**

### NUMBER AND OPERATIONS

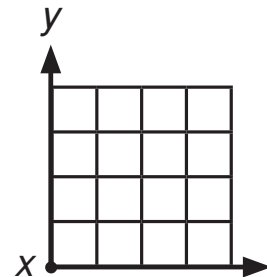
**3** Abby says the factors of 36 are 1, 2, 3, 4, 6, and 9. Is she correct? Why or why not?



### MEASUREMENT

**4** Which of these coordinates matches a point on the x-axis? Explain your answer.

- A. (0, 3)
- B. (5, 1)
- C. (4, 0)



### ALGEBRA

**5** The Fisher High students are choosing a new mascot and school color. How many possible combinations are there? How do you know?

**Mascots: bear, eagle, jaguar, lion**  
**Colors: red, blue, silver, gold**

### DATA ANALYSIS AND PROBABILITY

**6** Carter ran 800 yards in 360 seconds. Did he take more or less than five minutes? Explain.

