

1 A \_\_\_\_\_ number has more than 2 different factors.

Circle the numbers below that fit this description.

- |    |    |    |    |    |    |
|----|----|----|----|----|----|
| 42 | 25 | 17 | 23 | 64 | 31 |
| 45 | 2  | 76 | 29 | 34 | 53 |
| 51 | 5  | 13 | 22 | 57 | 67 |



2 Calvin's blank art canvas measures 27 inches by 9 inches. Which number sentence shows how many square inches he has available to paint? Fill in the circle next to the best answer.

- (A)  $27 + 9 = 36$
- (B)  $27 - 9 = 18$
- (C)  $27 * 9 = 243$
- (D)  $27 / 9 = 3$



3 List the factor pairs for 75.

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Is 75 prime or composite?

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4 Write an equation for each statement below, replacing the unknown with a number.

a. 35 is 7 times as much as  $c$ .

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b. 8 times as much as  $y$  is 72.

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c. 56 is  $b$  times as much as 7.

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5 **Writing/Reasoning** Read these two statements about Vince's age.

A. Vince is 2 years older than his sister, who is 10.

B. Vince's mother, age 48, is 4 times as old as Vince.

Which statement can be represented with a multiplicative comparison equation? Explain your choice.

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