



Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

1 An example of the **Commutative Property of Multiplication** is \_\_\_\_\_.

A  $45 \times 60 = 2,700$   
 B  $45 \times 60 = 60 \times 54$   
 C  $2,700 = 45 \times 60$   
 D  $45 \times 60 = 60 \times 45$

2 Josie has a collection of **24 buttons**. Is it possible for her to have **either 6 sets of 4 buttons or 4 sets of 6 buttons**?

A yes  
 B no

3 A man bought **15 rulers** for **25 cents** a piece. A woman bought **25 erasers** for **15 cents** a piece. **Did they spend the same amount of money?**

4 A bus driver stopped **18 times** and picked up **13 people** at each stop. On the return trip, he stopped **31 times** and picked up **13 people** at each stop. **Did he pick up more people on the return trip?**

5

**PREVIEW**

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7

A  $(3 + 4) + 12 = 3 + (4 + 12)$   
 B  $(3 + 4) + 12 = 7 + 12$   
 C  $3 + 4 + 12 = 19$   
 D  $3 + 4 + 12 = 12 + 4 + 3$

8

$48 + (2 + 18) = (\underline{\quad} + 2) + 18$

A 18  
 B 48  
 C 2  
 D 68

9 Carlos drove **26 miles** to work, **16 miles** to visit his mother, and **10 miles** to meet his son for dinner. **How might the total miles be calculated?**

A  $26 + 16$   
 B  $26 + 10$   
 C  $26 + (16 \times 10)$   
 D  $26 + (16 + 10)$

10 Three members of a scout troop collected money for their camping trip. One boy collected **\$58**, another had **\$40**, and the third had **\$20**. Another group of boys collected **\$98**. **Did the two groups collect the same amount of money?**

A yes  
 B no

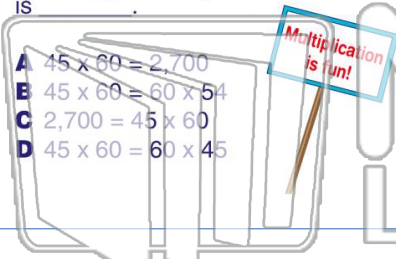


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1

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- A  $45 \times 60 = 2,700$
- B  $45 \times 60 = 60 \times 54$
- C  $2,700 = 45 \times 60$
- D  $45 \times 60 = 60 \times 45$



2

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- A yes
- B no



A

3

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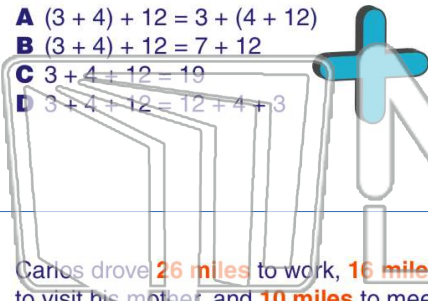


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A

$$48 + (2 + 18) = (\underline{\quad} + 2) + 18$$

- A 18
- B 48
- C 2
- D 68



B

9

Carlos drove **26 miles** to work, **16 miles** to visit his mother, and **10 miles** to meet his son for dinner. **How might the total miles be calculated?**

- A  $26 + 16$
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- C  $26 + (16 \times 10)$
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D

10

Three members of a scout troop collected money for their camping trip. One boy collected **\$58**, another had **\$40**, and the third had **\$20**. Another group of boys collected **\$98**. **Did the two groups collect the same amount of money?**

- A yes
- B no



B