



Name _____ Class _____ Date _____

1 If $52 + 28 = 80$, which addition problem must also be true using the **Commutative Property of Addition**?

- A $25 + 82 = 80$
- B $28 + 52 = 80$
- C $52 + 52 = 80$
- D $28 + 28 = 80$



2 If the product of 22×17 is 374, what is the product of 17×22 using the **Commutative Property of Multiplication**?

- A 743
- B 39
- C 217
- D 374



3 If $14 + 9 = 23$, using the **Commutative Property of Addition**, what is the sum of $9 + 14$?

- A 32



4 If the product of $12 \times (1 \times 21)$ is 252, what is the product of $(12 \times 1) \times 21$ using the **Associative Property of Multiplication**?



5



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- A 190
- B 201
- C 200
- D 199

- A 18
- B 210
- C 765
- D 3

9 If the sum of $67 + 42 = 109$, what is the sum of $42 + 67$?

- A 109
- B 190
- C 105
- D 119



10 Using the **Associative Property of Addition** allows for numbers to be grouped in any way to make adding easier.
 $(4 + 3) + 5 = 4 + (3 + 5)$

- A true
- B false



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(B)

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(D)

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(C)

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(A)

5



(D)

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(B)

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If the sum of $67 + 42 = 109$, what is the sum of $42 + 67$?

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(A)

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Using the **Associative Property of Addition** allows for numbers to be grouped in any way to make adding easier.

$$(4 + 3) + 5 = 4 + (3 + 5)$$

- A true
- B false

(A)