

Name: _____

Identify the Property: Commutative or Distributive?

For each equation below, identify the property used. Write a C in the blank for the commutative property or a D in the blank for the distributive property.

A) $6 + (5+2) = (5+2) + 6$ _____ F) $19 \times (7-2) = (19 \times 7) - (19 \times 2)$ _____

B) $3 \times (7+4) = (3 \times 7) + (3 \times 4)$ _____ G) $(12 \times 6) \times 9 = 9 \times (12 \times 6)$ _____

C) $10 \times (8+6) = (10 \times 8) + (10 \times 6)$ _____ H) $(5 \times 7) + (15 \times 3) = 15 \times (7+3)$ _____

D) $(5 \times 6) \times 9 = 9 \times (5 \times 6)$ _____ I) $18 \times (11 \times 9) = 18 \times (9 \times 11)$ _____

E) $11 \times (3 \times 8) = 11 \times (8 \times 3)$ _____ J) $(7 \times 6) - (2 \times 6) = (7-2) \times 6$ _____

Name: _____ **Key**

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A) $6 + (5+2) = (5+2) + 6$

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_____ **D** _____

B) $3 \times (7+4) = (3 \times 7) + (3 \times 4)$

_____ **D** _____

G) $(12 \times 6) \times 9 = 9 \times (12 \times 6)$

_____ **C** _____

C) $10 \times (8+6) = (10 \times 8) + (10 \times 6)$

_____ **D** _____

H) $(5 \times 7) + (15 \times 3) = 15 \times (7+3)$

_____ **D** _____

D) $(5 \times 6) \times 9 = 9 \times (5 \times 6)$

_____ **C** _____

I) $18 \times (11 \times 9) = 18 \times (9 \times 11)$

_____ **C** _____

E) $11 \times (3 \times 8) = 11 \times (8 \times 3)$

_____ **C** _____

J) $(7 \times 6) - (2 \times 6) = (7-2) \times 6$

_____ **D** _____