Name: _____

# Identify the Property: Commutative or Associative?

For each equation below, identify the property used. Write a C in the blank for the commutative property or an A in the blank for the associative property.

A) 3 + (6+2) = (3+6) + 2 _____

B) (9+7) + 4 = 9 + (7+4) _____

C) (5+8) +2 = (8+5) + 2 _____

D) 2 + (5+8) = (5+8) + 2 _____

E) (6x7) x 3 = 6 x (7x3) _____

F) 11 x (4x5) = 11 x (5x4) _____

G) (17x3) x 6 = 17 x (3x6) _____

H) 12 x (8x1) = (12x8) x 1 _____

I) 2 x (24x6) = (24x6) x 2 _____

J) (6x9) x 14 = 6 x (9x14) _____

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Name: Key

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B) (9+7) + 4 = 9 + (7+4) ___A___

C) (5+8) +2 = (8+5) + 2 ___C___

D) 2 + (5+8) = (5+8) + 2 ___C___

E) (6x7) x 3 = 6 x (7x3) ___A___

F) 11 x (4x5) = 11 x (5x4) ___C___

G) (17x3) x 6 = 17 x (3x6) ___A___

H) 12 x (8x1) = (12x8) x 1 ___A___

I) 2 x (24x6) = (24x6) x 2 ___C___

J) (6x9) x 14 = 6 x (9x14) ___A___

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