

Name: _____

Addition Properties

Commutative Property of Addition

You can add numbers in any order.

example: $49 + 86 + 321 = 456$
 $321 + 49 + 86 = 456$

Associative Property of Addition

You can group addends different ways, and the sum will not change. Addends are grouped with parenthesis. (You add the part in parenthesis first.)

example: $(183 + 12) + 26 = 221$
 $183 + (12 + 26) = 221$

Write each sum. Tell which property is used.

examples: $(134 + 534) + 37 = \underline{705}$
 $134 + (534 + 37) = \underline{705}$
property: associative

$1,238 + 299 = \underline{1,537}$
 $299 + 1,238 = \underline{1,537}$
property: commutative



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4. $(\$2.83 + \$5.35) + \$9.57 = \underline{\hspace{2cm}}$

$\$2.83 + (\$5.35 + \$9.57) = \underline{\hspace{2cm}}$

property: _____

4. $777 + 878 = \underline{\hspace{2cm}}$

$693 + 999 = \underline{\hspace{2cm}}$

property: _____

5. $1,077 + 1,770 + 797 = \underline{\hspace{2cm}}$

$797 + 1,077 + 1,770 = \underline{\hspace{2cm}}$

property: _____

6. $8,765 + (5,411 + 203) = \underline{\hspace{2cm}}$

$(8,765 + 5,411) + 203 = \underline{\hspace{2cm}}$

property: _____

ANSWER KEY

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Write each sum. Tell which property is used.

examples: $(134 + 534) + 37 = \underline{705}$
 $134 + (534 + 37) = \underline{705}$
property: associative

$1,238 + 299 = \underline{1537}$
 $299 + 1,238 = \underline{1537}$
property: commutative

1. $874 + 235 = \underline{1,109}$

2. $549 + (605 + 771) = \underline{1,925}$



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5. $1,077 + 1,770 + 797 = \underline{3,644}$

$797 + 1,077 + 1,770 = \underline{3,644}$

property: commutative

6. $8,765 + (5,411 + 203) = \underline{14,379}$

$(8,765 + 5,411) + 203 = \underline{14,379}$

property: associative

ANSWER KEY

7. $158 + 165 + 390 + 830 = \underline{1,543}$

$165 + 390 + 158 + 830 = \underline{1,543}$

property: commutative

8. $3,000 + 500 + 8 = \underline{3,508}$

$8 + 3,000 + 500 = \underline{3,508}$

property: commutative

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