

Name : _____

Associative Property of Addition

A) Fill in the missing numbers using the associative property of addition.

1) $(20 + 284) + 76 = \underline{\hspace{2cm}} + (284 + 76)$

2) $43 + (52 + 601) = (43 + \underline{\hspace{2cm}}) + 601$

3) $(125 + 347) + 88 = 125 + (347 + \underline{\hspace{2cm}})$

4) $99 + (411 + 16) = (\underline{\hspace{2cm}} + 411) + 16$

B) 1) If $450 + (324 + 63) = 837$, then $(450 + 324) + 63 = \underline{\hspace{2cm}}$.

2) If $(108 + 231) + 147 = 486$, then $108 + (231 + 147) = \underline{\hspace{2cm}}$.

C) Complete the addition equation that represent the associative property.

1) $(65 + 13) + 92 = \underline{\hspace{2cm}} + 92 = \underline{\hspace{2cm}}$

$65 + (13 + 92) = 65 + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

2) $514 + (81 + 27) = 514 + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

$(514 + 81) + 27 = \underline{\hspace{2cm}} + 27 = \underline{\hspace{2cm}}$

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B) 1) If $450 + (324 + 63) = 837$, then $(450 + 324) + 63 = \underline{837}$.

2) If $(108 + 231) + 147 = 486$, then $108 + (231 + 147) = \underline{486}$.

C) Complete the addition equation that represent the associative property.

1) $(65 + 13) + 92 = \underline{78} + 92 = \underline{170}$

$65 + (13 + 92) = 65 + \underline{105} = \underline{170}$

2) $514 + (81 + 27) = 514 + \underline{108} = \underline{622}$

$(514 + 81) + 27 = \underline{595} + 27 = \underline{622}$