

Name : _____

Topic: Math – Properties of Addition

DIRECTIONS: Write T if the statement is True. Write F if the statement is False.

- _____ 1) The identity property of addition states that any number added to zero is the number itself.
- _____ 2) $(750 + 24) + 16 = 750 + (24 + 16)$ shows the Associative Property of Addition.
- _____ 3) We can group the addends in different ways and the answer will still be the same.
- _____ 4) $XV + VII + III = III + XV + VII$ shows the Commutative Property of Addition
- _____ 5) The Associative Property of Addition states that changing the order of the addends will change the sum.

Directions: Identify the property used in each equation. Write **CPA** for Commutative Property of Addition, **APA** for Associative Property of Addition and **IPA** for Identity Property of Addition.

- _____ 1) $35 + 643 + 28 = 643 + 35 + 28$
- _____ 2) $42368 + 0 = 42368$
- _____ 3) $DDD + XX + NNNN = DDD + NNNN + XX$
- _____ 4) three hundred twenty two + zero is equal to 322
- _____ 5) $647 + \text{twenty} + \text{three} = \text{three} + 647 + \text{twenty}$

Directions: Using any property of addition, write the equation in another way then solve the equation.

Ex: $200 + 300 + 500 = \underline{300 + 200 + 500} = \underline{1\,000}$

- 1) $525 + 325 = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$
- 2) $188 + 0 = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$
- 3) $207 + (303 + 30) = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$
- 4) $25 + 725 + 200 = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$
- 5) $0 + 64\,325 = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$