

Name: _____

Math is Gold

Date: _____

Topic: Commutative and associative properties.

(id:basics_comm_assoc_A.1)

Title: Fill in the blank using associative property.

1) $(2 + a) + b =$ _____

2) $x + (y + z) =$ _____

3) $(m + n) + 7 =$ _____

4) $(9 + c) + d =$ _____

5) $(3a + 4b) + 5 =$ _____

6) $(2.b).c =$ _____

7) $5.(x.y) =$ _____

8) $(7.j).k =$ _____

9) $6.(m.n) =$ _____

10) $4.(a.b) =$ _____

$$11) (4 + 7) + 10 = \underline{\hspace{2cm}}$$

$$12) 5 + (7 + 2) = \underline{\hspace{2cm}}$$

$$13) (8 + 9) + 1 = \underline{\hspace{2cm}}$$

$$14) (2 + 3) + 11 = \underline{\hspace{2cm}}$$

$$15) 9 + (7 + 4) = \underline{\hspace{2cm}}$$

$$16) 5 \times (2 \times 3) = \underline{\hspace{2cm}}$$

$$17) x + (10 + y) = \underline{\hspace{2cm}}$$

$$18) m + (n + 20) = \underline{\hspace{2cm}}$$

$$19) (2p + 5q) + 3r = \underline{\hspace{2cm}}$$

$$20) (10 \times 11) \times 15 = \underline{\hspace{2cm}}$$