Commutative Property Guided Lesson Explanation

1) Step 1 – Rewrite the problem two different ways

by reordering the addends. We can just shuffle them twice.

8   +   17   +   4   =   _____

    Addends   (You can shuffle them right or left).

17 + 4 + 8 = _____

4   + 8 + 17 = _____

Step 2 – Solve one of the problems. All three problems will have

the same sum. So, we only need to complete on problem.

8   +   17   + 4

a) 8 + 17 = 25

b) 25 + 4 = 29

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2) Step 1 – Rewrite the problem two different ways by reordering the factors. We can just shuffle them twice.

4   x   12   x   9   =   _____

    Factors   (You can shuffle them right or left).

12 x 9 x 4 = _____

9   x 4 x 12 = _____

Step 2 – Solve one of the problems. All three problems will have the same sum. So, we only need to complete on problem.

4   x   12   x 9

a) 4 x 12 = 48

b) 48 x 9 = 432

3) Step 1 – Rewrite the problem two different ways by reordering the addends. We can just shuffle them twice.

| 13 + 8 + 3 | =   _____

Addends (You can shuffle them right or left).

8 + 3 + 13 = _____

3 + 13 + 8 = _____

Step 2 – Solve one of the problems. All three problems will have the same sum. So, we only need to complete on problem.

| 13   + 8 | +| 3 |

a) 13 + 8 = 21

b) 21 + 3 = 24