

Date: \_\_\_\_\_

## Chapter 3 Lesson A :

### Use the Commutative and Associative Rule (3.A.2)

Q1. Fill in the blanks.

#### Commutative Rule:



Use the following numbers only to form 2 correct addition number sentences. [The largest number is the total sum.]

the sum

19, 67, 48

addends

way 1: 19 + 48 = 67

way 2: 48 + 19 = 67

#### Associative Rule:



Use the following numbers only to form 2 correct addition number sentences. [The largest number is the total sum.]

the sum

25, 134, 75, 34

addends

way 1:

$$\underline{25} + \underline{75} + \underline{34}$$

$$\underline{100} + \underline{34} = \underline{134}$$

way 2:

$$\underline{25} + \underline{75} + \underline{34}$$

$$\underline{25} + \underline{109} = \underline{134}$$

way 3  $25 + 75 + 34$

$$59 + 75 = 134$$

Q2. Here are some statements about addition and subtraction.

Tick (✓) to show if the statements are true or false

Statement	True	False
$12 + 15 = 15 + 12$	✓	
$29 - 7 = 7 - 29$		✓
$3 + 6 + 11 = 6 + 11 + 3$	✓	

Q3. Add the following numbers in order.

1, 2, 3, 4, 5, 6, 7, 8, 9

$$1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9 = 45$$

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Q4. Add the following numbers by making tens.

1, 2, 3, 4, 5, 6, 7, 8, 9

$$1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9 = 10 + 10 + 10 + 10 + 5 = 45$$

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Q5. Which method of adding numbers is easier:

(making tens or by order)?

Making tens is much easier.

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