

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.]

19 , 67 , 48
the sum
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.]

25 , 134 , 75 , 34
the sum
addends

way 1:

$$\begin{array}{r} \text{25} + \text{75} \\ \hline \text{100} \end{array} + \text{34} = \text{134}$$

way 2:

$$\begin{array}{r} \text{25} \\ \hline \text{25} \end{array} + \begin{array}{r} \text{75} + \text{34} \\ \hline \text{109} \end{array} = \text{134}$$

way 3: $\text{25} + \text{75} + \text{34}$

$$\text{59} + \text{75} = \text{134}$$

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

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

Q4. Add the following numbers by making tens.

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

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

Q5. Which method of adding numbers is easier:

(making tens or by order)?

Making tens is much easier.
