**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_**

**ANSWER KEY**

**Worksheet 5**

1. Identify the property of addition demonstrated below as Commutative, Identity, or Associative.

Associative

1. (6 + 7) + 2 = 15 6 + (7 + 2) = 15 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Commutativebmutativemutative

1. (6 + 1) + 3 = 10 3 + (6 + 1) = 10 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Identity

1. 7 + 0 = 7 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Partial Sums

1. Left to Right Addition is also known as \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Front-End Addition

1. Use Left to Right Addition to add. Show all steps.

Add tens 40 + 50 = 90

Add ones 7 + 2 = 9

90 + 9 = 99

47

+ 52

1. Use the Lattice Method to add. Show all steps.

|  |  |  |
| --- | --- | --- |
| 8 | 7 | 8 |
| 4 | 8 | 5 |
| 1  2 | 1 | 1 |

878

+ 485

1363

1

3

5

3

6

3

1. Use the Scratch Method to Add. Show all steps.

2

168

168 + 23 + 359 = 550

1

0

23

+ 359

0

5

5

1. Use Front-End Rounding to estimate the sum. Show all steps.

8000 + 3000 + 10000 = 21000

7759 + 3389 + 9583 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Add by Making Compatible Numbers. Show all steps.

86 90 + 20 = 110

+ 24

1. Round the Decimal to the ten-thousandths place.

2.985635 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2.9856

1. Use Left to Right Subtraction to subtract. Show all steps.

87

* 20

67 - 4 = 63

87

- 24

1. Subtract using the Add Up Method.

135

- 44

6 + 50 + 35 = 91

+ 6

50

+ 50

100

+ 35

1. Which concept is best represented by the following example?

Jones has 5 marbles and Josie has 13 marbles. How many more

marbles does Josie have than Jones? B

* + 1. Taking Away Concept
    2. Comparison Concept
    3. Missing Addends Concept