Inverse Relationships Between Addition and Subtraction

A number fact (example: 4 + 5 = 9) is made up of three numbers. These three numbers can be used to make up other number facts (example: 9 – 5 = 4).

Review

Related Addition Facts:

Since 7 + 9 = 16, then 9 + 7 = 16

Inverse Relationships between addition and subtraction:

Since 7 + 9 = 16 then, 16 – 9 = 7 and 16 – 7 = 9

Complete the following problems:

1. Since 5 + 6 = 11, then 11 - ☐ = 5

2. Since 8 + 7 = 15, then 15 – 8 = ☐

3. Since 11 + 3 = 14, then 14 - ☐ = 11 and 14 – 11 = ☐

4. Since 13 + 12 = 25, then ☐ - ☐ = ☐ and ☐ - ☐ = ☐

5. Since 5 - 2 = 3, then 3 + ☐ = 5

6. Since 9 – 4 = 5, then 5+ ☐ = 9

7. Since 24 – 13 = 11, then 11 + 13 = ☐

Bonus Questions:

Fill in the missing numbers and operations (+ or -).

a. Since 12 – 6 = 6, then 6 ☐ 6 = ☐

b. Since 5 + 7 = 12, then ☐ - ☐ = ☐

c. Since 14 ☐ ☐ = ☐ , then ☐ ☐ ☐ = 14

d. Since 15 ☐ 9 = ☐ , then ☐ ☐ 9 = 15