Evaluating Equations

Grade 5 Algebra Worksheet
Date:_____   Name:_____

LET'S MAKE LEARNING FUN

Choose the correct answer from the options provided.

1. Evaluate the following equation: then decide if the statement is **true** or **false**.

   15 - 12 = 3

a. true
b. false

2. Evaluate the following equation: then decide if the statement is **true** or **false**.

   10 - 12 = -3

a. true
b. false

3. Evaluate the following equation: then decide if the statement is **true** or **false**.

   -15 + 12 = 3

a. true
b. false

4. Evaluate the following equation: then decide if the statement is **true** or **false**.

   25 - 23 = -2

a. true
b. false

5. Evaluate the following equation: then decide if the statement is **true** or **false**.

   -6 + 6 = 0

a. true
b. false

Evaluating Equations

Grade 5 Algebra Worksheet

1. Evaluate the following equation: then decide if the statement is **true** or **false**.

   15 - 12 = 3   (**true**)

   > **Workings:**
   >
   > $15 - 12 = 3$.
   > This is true, because the left hand side is equal to the right hand side.

2. Evaluate the following equation: then decide if the statement is **true** or **false**.

   10 - 12 = -3   (**false**)

   > **Workings:**
   >
   > $10 - 12 = -3$.
   > This is false, because $10 - 12 = -2$, so the left hand side is **NOT** equal to the right hand side.

3. Evaluate the following equation: then decide if the statement is **true** or **false**.

   -15 + 12 = 3   (**false**)

   > **Workings:**
   >
   > $-15 + 12 = 3$.
   > This is false, because $-15 + 12 = -3$, so the left hand side is **NOT** equal to the right hand side.

4. Evaluate the following equation: then decide if the statement is **true** or **false**.

   25 - 23 = -2   (**false**)

   > **Workings:**
   >
   > $25 - 23 = -2$.
   > This is false, because $25 - 23 = 2$, so the left hand side is **NOT** equal to the right hand side.

5. Evaluate the following equation: then decide if the statement is **true** or **false**.

-6 + 6 = 0   **(true)**

Workings:

$-6 + 6 = 0$.
This is true, because the left hand side is equal to the right hand side.

KEY TAKEAWAYS: For the equation to be true, the left hand side must be equal to the right hand side.