

# Understanding Equations and the Equal Sign

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Let's Learn About Balance in Math!

Name: \_\_\_\_\_

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

Answer the following questions based on what you learned about the equal sign and balance scales.

1. The equal sign means 'the same as' and shows both sides have the \_\_\_\_.

2. What does the equal sign represent?

- A. The answer
- B. The same as
- C. Just a symbol

3. A balance scale shows that both sides must weigh the same.

- True       False

4. How did we use the balance scale today in class?

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5. What happens if one side of a scale is heavier?

- A. It is balanced
- B. It is not equal
- C. It is lighter

6. A false balance is an \_\_\_\_ to Yahweh.

7. Equations are like a balanced scale that must weigh the same on both sides.

- True       False

8. How can we make both sides equal in an equation?

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9. What should we develop according to our lesson?

- A. Patience and careful observation
- B. Speed and quick answers
- C. Only observation

10. The equal sign is only used to find answers in math.

- True       False

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## Answer Key

1. value   2. The same as   3. True   4. We used it to show that both sides of an equation must be equal.   5. It is not equal   6. abomination   7. True   8. By adding or subtracting the same number to both sides.   9. Patience and careful observation   10. False