

Balance It Out: Equations as Equal Sides

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Understanding Equations and Fairness

Name: _____

Date: _____

Answer the questions about equations and balance scales.

1. Equations are like a balance scale because both sides must be ____.

2. A balance scale shows that one side can be heavier than the other.

True False

3. What do we use to represent numbers on each side of the scale?

- A. Cubes
- B. Rocks
- C. Coins

4. A false balance is an abomination to ____.

5. Draw a line from the equation to its balanced side.

2 + 3

5

5

2 + 3

6. Why is balance important in equations?

7. What happens if one side has more weight? Circle the correct answer.

The scale tips

The scale stays balanced

The scale breaks

8. We can use a balance scale to solve simple equations.

True False

9. How can we make both sides of the equation the same?

- A. Add more weight to one side
- B. Take weight off one side
- C. Do both

10. God values fairness and balance in our ____.

Answer Key

1. equal 2. False 3. Cubes 4. Yahweh 5. [0, 1] 6. Because both sides must be equal to be correct. 7. The scale tips 8. True 9. 2 10. actions