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Greater Than Less Than Worksheets Answer Key PDF

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Part 1: Building a Foundation

Which symbol represents 'greater than'?

undefined. $<$

undefined. $>$ ✓

undefined. $=$

undefined. $\leq$

The correct symbol for 'greater than' is '$>$'.

Select all the statements that correctly use the 'less than' symbol.

undefined. $3 < 5$ ✓

undefined. $7 > 2$

undefined. $8 < 10$ ✓

undefined. $12 > 15$

The correct statements are those where the first number is indeed less than the second.

Explain in your own words what it means when a number is 'greater than' another number.

A number is 'greater than' another if it is larger in value.

List two real-world examples where you might use 'greater than' or 'less than' comparisons.

1. Example 1

Comparisons of ages.

2. Example 2

Comparisons of heights.

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Examples could include comparing heights, weights, or ages.

Part 2: Understanding and Interpretation

Which of the following comparisons is correct?

undefined. 4.5 > 4.9

undefined. 7/8 < 3/4

undefined. 0.6 < 0.9 ✓

undefined. 1/2 > 2/3

The correct comparison shows the accurate relationship between the numbers.

Identify all the correct comparisons.

undefined. 5.2 > 5.1 ✓

undefined. 1/3 < 1/4

undefined. 0.75 > 0.5 ✓

undefined. 9 < 10 ✓

The correct comparisons show the accurate relationships between the numbers.

Describe how you would use a number line to compare the numbers 2.3 and 2.7.

On a number line, 2.3 would be to the left of 2.7, indicating that 2.3 is less than 2.7.

Part 3: Application and Analysis

If you have 3/5 of a pizza and your friend has 2/3 of a pizza, who has more pizza?

undefined. You

undefined. Your friend ✓

undefined. Both have the same amount

undefined. Cannot be determined

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Your friend has more pizza because 2/3 is greater than 3/5.

In which situations would you use 'greater than'?

undefined. ComparING ages ✓

undefined. Measuring height ✓

undefined. Calculating weight ✓

undefined. Counting money ✓

You would use 'greater than' in situations like comparing ages, heights, or weights.

Provide a scenario where comparing two decimal numbers is necessary, and explain the comparison.

A scenario could involve comparing prices of two items to determine which is cheaper.

Analyze the following: Which statement is true if x > y and y > z?

undefined. $x < z$

undefined. $x = z$

undefined. $x > z$ ✓

undefined. $x < y$

The true statement is that $x > z$.

Given the numbers 1/4, 0.25, and 25%, which comparisons are correct?

undefined. 1/4 = 0.25 ✓

undefined. 0.25 > 25%

undefined. 25% = 1/4 ✓

undefined. 1/4 < 0.25

The correct comparisons show that 1/4, 0.25, and 25% are equivalent.

Analyze the relationship between the numbers 0.1, 0.01, and 0.001, and explain their order from greatest to least.

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The order from greatest to least is 0.1, 0.01, 0.001.

Part 4: Evaluation and Creation

Evaluate the following scenario: If a car travels 60 miles in one hour and another car travels 55 miles in the same time, which car is faster?

undefined. First car ✓

undefined. Second car

undefined. Both are equally fast

undefined. Cannot be determined

The first car is faster because it travels a greater distance in the same time.

Evaluate the following comparisons and select the correct ones.

undefined. 3/5 > 0.6 ✓

undefined. 7/10 < 0.7

undefined. 0.8 = 4/5 ✓

undefined. 1/2 > 0.49 ✓

The correct comparisons show accurate relationships between the fractions and decimals.

Create a real-world problem that involves comparing two quantities using 'greater than' or 'less than,' and provide a solution.

An example could involve comparing the number of apples and oranges in a basket.

Propose two different methods to teach the concept of 'greater than' and 'less than' to a younger audience.

1. Method 1

Using number lines.

2. Method 2

Using physical objects for comparison.

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Methods could include using visual aids or hands-on activities.

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