🔥 **StudyBlaze.io**

Your AI Tutor for interactive quiz, worksheet and flashcard creation.

Greater Than Less Than Worksheets Questions and Answers PDF

Greater Than Less Than Worksheets Questions And Answers PDF

Disclaimer: The greater than less than worksheets questions and answers pdf was generated with the help of StudyBlaze AI. Please be aware that AI can make mistakes. Please consult your teacher if you're unsure about your solution or think there might have been a mistake. Or reach out directly to the StudyBlaze team at max@studyblaze.io.

Part 1: Building a Foundation

Which symbol represents 'greater than'?

Hint: Think about the symbols used in comparisons.

◯ <
◯ **> ✓**
◯ =
◯ ≤

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

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

Hint: Look for comparisons where the first number is smaller.

☐ **3 < 5 ✓**
☐ 7 > 2
☐ **8 < 10 ✓**
☐ 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.

Hint: Think about how you would compare two quantities.

Create hundreds of practice and test experiences based on the latest learning science.

Visit Studyblaze.io

Greater Than Less Than Worksheets Questions and Answers PDF

🔥 **StudyBlaze.io**

Your AI Tutor for interactive quiz, worksheet and flashcard creation.

> **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.

Hint: Consider situations involving measurements or quantities.

1. Example 1

> Comparisons of ages.

2. Example 2

> Comparisons of heights.

> Examples could include comparing heights, weights, or ages.

Part 2: Understanding and Interpretation

Which of the following comparisons is correct?

Hint: Evaluate each option carefully.

○ 4.5 > 4.9
○ 7/8 < 3/4
○ **0.6 < 0.9 ✓**
○ 1/2 > 2/3

Create hundreds of practice and test experiences based on the latest learning science.

Visit Studyblaze.io

Greater Than Less Than Worksheets Questions and Answers PDF

🔥 **StudyBlaze.io**

Your AI Tutor for interactive quiz, worksheet and flashcard creation.

The correct comparison shows the accurate relationship between the numbers.

Identify all the correct comparisons.

Hint: Look for comparisons where the first number is indeed greater.

☐ **5.2 > 5.1 ✓**
☐ 1/3 < 1/4
☐ **0.75 > 0.5 ✓**
☐ **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.

Hint: Think about the placement of each number on the line.

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?

Hint: Convert the fractions to a common denominator if needed.

○ You
○ **Your friend ✓**
○ Both have the same amount
○ Cannot be determined

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

Create hundreds of practice and test experiences based on the latest learning science.

Visit Studyblaze.io

Greater Than Less Than Worksheets Questions and Answers PDF

🔥 **StudyBlaze.io**

Your AI Tutor for interactive quiz, worksheet and flashcard creation.

In which situations would you use 'greater than'?

Hint: Think about comparisons in everyday life.

☑ **ComparING ages ✓**
☑ **Measuring height ✓**
☑ **Calculating weight ✓**
☑ **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.

Hint: Think about situations involving money or measurements.

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?

Hint: Consider the relationships between the variables.

○ x < z
○ x = z
○ **x > z ✓**
○ x < y

The true statement is that x > z.

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

Hint: Convert all numbers to the same format if necessary.

☑ **1/4 = 0.25 ✓**
☐ 0.25 > 25%

Create hundreds of practice and test experiences based on the latest learning science.

Visit Studyblaze.io

Greater Than Less Than Worksheets Questions and Answers PDF

🔥 **StudyBlaze.io**

Your AI Tutor for interactive quiz, worksheet and flashcard creation.

☑ **25% = 1/4** ✔

☐ 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.

Hint: Consider the value of each decimal.

| **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?

Hint: Consider the distance traveled in the same time frame.

○ **First car** ✔

○ Second car

○ Both are equally fast

○ 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.

Hint: Check each comparison carefully.

☑ **3/5 > 0.6** ✔

☐ 7/10 < 0.7

☑ **0.8 = 4/5** ✔

Create hundreds of practice and test experiences based on the latest learning science.

Visit Studyblaze.io

Greater Than Less Than Worksheets Questions and Answers PDF

☐ **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.

Hint: Think about everyday situations where comparisons are made.

❘ **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.

Hint: Consider engaging and interactive methods.

1. Method 1

❘ Using number lines.

2. Method 2

❘ Using physical objects for comparison.

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