

Greater Than And Less Than Worksheets Answer Key PDF

Greater Than And Less Than Worksheets Answer Key PDF

Disclaimer: The greater than and less than worksheets answer key 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"?

undefined. A) $<$

undefined. B) $>$ ✓

undefined. C) $=$

undefined. D) \leq

The symbol that represents 'greater than' is ' $>$ '.

Which symbol represents "greater than"?

undefined. A) $<$

undefined. B) $>$ ✓

undefined. C) $=$

undefined. D) \leq

The greater than symbol is represented by ' $>$ '.

Which of the following numbers are greater than 5?

undefined. A) 3

undefined. B) 7 ✓

undefined. C) 5

undefined. D) 9 ✓

The numbers greater than 5 are 7 and 9.

Which of the following numbers are greater than 5?

undefined. A) 3

undefined. B) 7 ✓

undefined. C) 5

undefined. D) 9 ✓

The numbers greater than 5 are 7 and 9.

Explain what it means when we say a number is "less than" another number.

A number is 'less than' another if it is smaller in value.

Explain what it means when we say a number is "less than" another number.

A number is less than another if it is smaller in value.

List the symbols used for comparing numbers and what each symbol means.

1. What does $>$ mean?

Greater than

2. What does $<$ mean?

Less than

3. What does $=$ mean?

Equal to

4. What does \geq mean?

Greater than or equal to

The symbols include $>$ (greater than), $<$ (less than), $=$ (equal to), and \geq (greater than or equal to).

Part 2: Understanding and Interpretation

On a number line, which number is less than 8?

undefined. A) 10

undefined. B) 12

undefined. C) 6 ✓

undefined. D) 9

The number less than 8 is 6.

On a number line, which number is less than 8?

undefined. A) 10

undefined. B) 12

undefined. C) 6 ✓

undefined. D) 9

The number less than 8 is 6.

Which of the following statements are true?

undefined. A) $4 > 2$ ✓

undefined. B) $7 < 5$

undefined. C) $9 = 9$ ✓

undefined. D) $3 > 8$

The true statements are $4 > 2$ and $9 = 9$.

Which of the following statements are true?

undefined. A) $4 > 2$ ✓

undefined. B) $7 < 5$

undefined. C) $9 = 9$ ✓

undefined. D) $3 > 8$

The true statements are $4 > 2$ and $9 = 9$.

Describe how you would use a number line to compare the numbers 3 and 7.

You would place 3 to the left of 7 on the number line, indicating that 3 is less than 7.

Describe how you would use a number line to compare the numbers 3 and 7.

You would see that 3 is to the left of 7, indicating that 3 is less than 7.

Part 3: Application and Analysis

If you have 3 apples and your friend has 5 apples, which statement is true?

undefined. A) You have more apples.

undefined. B) Your friend has more apples. ✓

undefined. C) You both have the same number of apples.

undefined. D) You have fewer apples.

Your friend has more apples.

If you have 3 apples and your friend has 5 apples, which statement is true?

undefined. A) You have more apples.

undefined. B) Your friend has more apples. ✓

undefined. C) You both have the same number of apples.

undefined. D) You have fewer apples.

Your friend has more apples.

In a race, if John finishes in 3rd place and Lisa finishes in 1st place, which statements are correct?

undefined. A) John finished before Lisa.

undefined. B) Lisa finished after John.

undefined. C) Lisa finished before John. ✓

undefined. D) John finished after Lisa. ✓

The correct statement is that Lisa finished before John.

In a race, if John finishes in 3rd place and Lisa finishes in 1st place, which statements are correct?

undefined. A) John finished before Lisa.

undefined. B) Lisa finished after John.

undefined. C) Lisa finished before John. ✓

undefined. D) John finished after Lisa. ✓

The correct statement is that Lisa finished before John.

Provide a real-world example where you would use the greater than symbol.

An example could be comparing the number of books you have to a friend's collection.

Provide a real-world example where you would use the greater than symbol.

An example could be comparing the heights of two people.

Analyze the following statements and identify which are false:

undefined. A) $5 < 5$ ✓

undefined. B) $10 > 8$

undefined. C) $6 = 6$

undefined. D) $4 > 7$ ✓

The false statements are $5 < 5$ and $4 > 7$.

Analyze the following statements and identify which are false:

undefined. A) $5 < 5$ ✓

undefined. B) $10 > 8$

undefined. C) $6 = 6$

undefined. D) $4 > 7$ ✓

The false statements are $5 < 5$ and $4 > 7$.

Analyze the relationship between the numbers 12 and 15 and explain which is greater and why.

15 is greater than 12 because it has a higher value.

Analyze the relationship between the numbers 12 and 15 and explain which is greater and why.

12 is less than 15, so 15 is greater.

Part 4: Evaluation and Creation

Which of the following scenarios best illustrates the use of "less than"?

undefined. A) Comparing the height of two buildings where one is taller.

undefined. B) Determining which of two cars is faster.

undefined. C) Deciding which of two boxes is heavier.

undefined. D) Choosing the smaller of two numbers. ✓

Choosing the smaller of two numbers illustrates 'less than'.

Which of the following scenarios best illustrates the use of "less than"?

undefined. A) Comparing the height of two buildings where one is taller.

undefined. B) Determining which of two cars is faster.

undefined. C) Deciding which of two boxes is heavier.

undefined. D) Choosing the smaller of two numbers. ✓

Choosing the smaller of two numbers illustrates 'less than'.

Evaluate the following scenarios and identify which involve the use of "greater than":

undefined. A) Comparing the age of two siblings. ✓

undefined. B) Determining which book has more pages. ✓

undefined. C) Checking which of two cities has a larger population. ✓

undefined. D) Finding out which of two mountains is shorter.

The scenarios that involve 'greater than' are comparing ages, pages, and populations.

Evaluate the following scenarios and identify which involve the use of "greater than":

undefined. A) Comparing the age of two siblings. ✓

undefined. B) Determining which book has more pages. ✓

undefined. C) Checking which of two cities has a larger population. ✓

undefined. D) Finding out which of two mountains is shorter.

The scenarios involving 'greater than' are comparing ages, pages, and populations.

Create a word problem involving greater than and less than, and provide a solution.

An example could be: 'If I have 10 candies and my friend has 7, how many more do I have?' The solution is 3 more candies.

Create a word problem involving greater than and less than, and provide a solution.

An example could be comparing the number of books two friends have.