

## Greater Than And Less Than Worksheets

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### Part 1: Building a Foundation

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#### Which symbol represents "greater than"?

Hint: Think about the symbols used in mathematics.

- A)  $<$
- B)  $>$
- C)  $=$
- D)  $\leq$

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- B)  $>$
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#### Which of the following numbers are greater than 5?

Hint: Consider each number carefully.

- A) 3
- B) 7
- C) 5
- D) 9

#### Which of the following numbers are greater than 5?

Hint: Consider each number and compare it to 5.

- A) 3

- B) 7
- C) 5
- D) 9

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

*Hint: Think about the relationship between the two numbers.*

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

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

*Hint: Think about the common comparison symbols.*

1. What does  $>$  mean?

2. What does  $<$  mean?

3. What does  $=$  mean?

4. What does  $\geq$  mean?

## Part 2: Understanding and Interpretation

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

*Hint: Look for numbers that are to the left of 8.*

- A) 10
- B) 12
- C) 6
- D) 9

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

*Hint: Visualize the number line.*

- A) 10
- B) 12
- C) 6
- D) 9

**Which of the following statements are true?**

*Hint: Evaluate each statement carefully.*

- A)  $4 > 2$
- B)  $7 < 5$
- C)  $9 = 9$
- D)  $3 > 8$

**Which of the following statements are true?**

*Hint: Evaluate each statement carefully.*

- A)  $4 > 2$
- B)  $7 < 5$
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- D)  $3 > 8$

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

*Hint: Think about the positions of the numbers.*

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

*Hint: Think about the positions of the numbers on the line.*

### Part 3: Application and Analysis

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

*Hint: Compare the number of apples you both have.*

- A) You have more apples.
- B) Your friend has more apples.
- C) You both have the same number of apples.
- D) You have fewer apples.

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

*Hint: Consider the number of apples each person has.*

- A) You have more apples.
- B) Your friend has more apples.
- C) You both have the same number of apples.
- D) You have fewer apples.

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

*Hint: Think about the order of finishing in the race.*

- A) John finished before Lisa.
- B) Lisa finished after John.
- C) Lisa finished before John.
- D) John finished after Lisa.

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

*Hint: Think about the order of finishing.*

- A) John finished before Lisa.
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- C) Lisa finished before John.
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**Provide a real-world example where you would use the greater than symbol.**

*Hint: Think about situations involving comparisons.*

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

*Hint: Think about situations involving comparison.*

**Analyze the following statements and identify which are false:**

*Hint: Consider the truth of each statement.*

- A)  $5 < 5$
- B)  $10 > 8$
- C)  $6 = 6$
- D)  $4 > 7$

**Analyze the following statements and identify which are false:**

*Hint: Consider the truth of each statement.*

- A)  $5 < 5$
- B)  $10 > 8$
- C)  $6 = 6$
- D)  $4 > 7$

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

*Hint: Think about the values of the two numbers.*

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

*Hint: Consider the values of the numbers.*

## Part 4: Evaluation and Creation

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

*Hint: Think about comparisons involving size or quantity.*

- A) Comparing the height of two buildings where one is taller.
- B) Determining which of two cars is faster.
- C) Deciding which of two boxes is heavier.
- D) Choosing the smaller of two numbers.

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

*Hint: Think about comparisons.*

- A) Comparing the height of two buildings where one is taller.
- B) Determining which of two cars is faster.
- C) Deciding which of two boxes is heavier.
- D) Choosing the smaller of two numbers.

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

*Hint: Consider comparisons that show one quantity is larger.*

- A) Comparing the age of two siblings.
- B) Determining which book has more pages.
- C) Checking which of two cities has a larger population.
- D) Finding out which of two mountains is shorter.

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

*Hint: Consider each scenario carefully.*

- A) Comparing the age of two siblings.
- B) Determining which book has more pages.
- C) Checking which of two cities has a larger population.
- D) Finding out which of two mountains is shorter.

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

*Hint: Think about a scenario that requires comparison.*

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