

## Greater Than Or 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 math.

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

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- C)  $=$
- D)  $\neq$

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

Hint: Consider each number and compare it to 5.

- A) 3

- B) 7
- C) 5.5
- D) 4.9

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

*Hint: Consider each number carefully.*

- A) 3
- B) 7
- C) 5.5
- D) 4.9

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**Explain in your own words what it means when a number is "less than" another number.**

*Hint: Think about how numbers compare to each other.*

**Explain in your own words what it means when a number is "less than" another number.**

*Hint: Think about how numbers compare to each other.*

**Explain in your own words what it means when a number is "less than" another number.**

*Hint: Think about how you would describe this to a friend.*

**List two examples of real-world scenarios where you might need to use "greater than" or "less than" comparisons.**

*Hint: Think about situations in shopping or measuring.*

1. Example 1

2. Example 2

**Which of the following is true?**

*Hint: Evaluate each statement carefully.*

- A)  $8 < 6$
- B)  $10 > 15$
- C)  $12 = 12$
- D)  $9 > 11$

**Which of the following is true?**

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- A)  $8 < 6$
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## Part 2: Comprehension and Application

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

*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 twice as many apples.

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

*Hint: Think about 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.
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**If you have 3 apples and your friend has 5 apples, which statement is correct?**

*Hint: Think about 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 twice as many apples.

**Which statements are true about the numbers 4.5 and 4.05?**

*Hint: Compare the two numbers carefully.*

- A)  $4.5 > 4.05$   
 B)  $4.5 < 4.05$   
 C)  $4.5 = 4.05$   
 D) 4.5 is greater than 4.05

**Which statements are true about the numbers 4.5 and 4.05?**

*Hint: Consider the values of each number.*

- A)  $4.5 > 4.05$   
 B)  $4.5 < 4.05$   
 C)  $4.5 = 4.05$   
 D) 4.5 is greater than 4.05

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**Describe how you would explain the concept of "equal to" using a number line.**

*Hint: Think about how numbers are positioned on a number line.*

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*Hint: Visualize the number line in your explanation.*

**You have \$10, and you want to buy a toy that costs \$12. Which of the following statements is true?**

*Hint: Consider your budget compared to the toy's cost.*

- A) You have enough money.
- B) You need \$2 more.
- C) You need \$5 more.
- D) You have \$2 extra.

**You have \$10, and you want to buy a toy that costs \$12. Which of the following statements is true?**

*Hint: Consider your budget and the cost of the toy.*

- A) You have enough money.
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**You have \$10, and you want to buy a toy that costs \$12. Which of the following statements is true?**

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- A) You have enough money.
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- C) You need \$5 more.
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**Which of the following fractions are less than  $\frac{1}{2}$ ?**

*Hint: Compare each fraction to  $\frac{1}{2}$ .*

- A)  $\frac{1}{3}$
- B)  $\frac{3}{4}$
- C)  $\frac{2}{5}$
- D)  $\frac{5}{6}$

**Which of the following fractions are less than  $\frac{1}{2}$ ?**

*Hint: Evaluate each fraction carefully.*

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- B)  $\frac{3}{4}$
- C)  $\frac{2}{5}$
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- C)  $\frac{2}{5}$
- D)  $\frac{5}{6}$

### Part 3: Analysis, Evaluation, and Creation

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**Analyze the following set of numbers: 3, 7, 2, 9. Which statements are true?**

*Hint: Consider the values of each number.*

- A) 9 is the greatest number.
- B) 2 is the smallest number.
- C) 7 is less than 3.
- D) 3 is greater than 2.

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**Analyze the following set of numbers: 3, 7, 2, 9. Which statements are true?**

*Hint: Consider the values of each number.*

- A) 9 is the greatest number.
- B) 2 is the smallest number.
- C) 7 is less than 3.
- D) 3 is greater than 2.

**Explain how you would determine if a number is greater than another number using both numerical and visual methods.**

*Hint: Consider how you would illustrate this concept.*

**Explain how you would determine if a number is greater than another number using both numerical and visual methods.**

*Hint: Think about how to compare numbers visually.*



**Explain how you would determine if a number is greater than another number using both numerical and visual methods.**

*Hint: Think about how you can represent numbers visually.*

**You are comparing the heights of two plants. Plant A is 15 cm tall, and Plant B is 20 cm tall. Which statement best evaluates their heights?**

*Hint: Think about the height of each plant.*

- A) Plant A is taller.
- B) Plant B is shorter.
- C) Plant A is shorter.
- D) Both plants are the same height.

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*Hint: Compare the heights of both plants.*

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**Consider the following scenario: You have a budget of \$50 for groceries. Which of the following options are within your budget?**

*Hint: Evaluate each option against your budget.*

- A) \$45 worth of groceries
- B) \$55 worth of groceries
- C) \$50 worth of groceries
- D) \$40 worth of groceries

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*Hint: Compare each option to your budget.*

- A) \$45 worth of groceries
- B) \$55 worth of groceries
- C) \$50 worth of groceries
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- A) \$45 worth of groceries
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- C) \$50 worth of groceries
- D) \$40 worth of groceries

**Create a real-world problem that involves using "greater than" or "less than" to make a decision. Describe the scenario and the decision-making process.**

*Hint: Think about a situation where you had to make a choice.*

**Create a real-world problem that involves using "greater than" or "less than" to make a decision. Describe the scenario and the decision-making process.**

*Hint: Think about a situation where you need to compare values.*

**Create a real-world problem that involves using "greater than" or "less than" to make a decision. Describe the scenario and the decision-making process.**

*Hint: Think about a situation where comparisons are necessary.*