



Integers Introduction

Name: _____

Date: _____

Grade: Grade 5

Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence: Adding -3 to 5 means jumping right three times because three is a counting number.

Rewrite: _____

2. Fix the sentence: The sum 6 plus -6 equals 12 since adding any two integers always grows the total.

Rewrite: _____

3. Fix the sentence: An arrow showing -4 should point to the right toward larger positive integers.

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

1. Drawing -2 plus -3 on a number line, you end at _____.

2. Starting at -1 and moving 4 right lands on _____.

3. The opposite of 0 is _____ because zero has no sign.

4. Adding 8 and -8 on a number line gives _____.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Describe how to use arrows to model 3 plus -7 on a number line.

2. Why does -5 plus 5 always equal zero on a number line?

Answer Key · Integers Introduction · Grade: Grade 5

Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence: Adding -3 to 5 means jumping right three times because three is a counting number.

Rewrite: Adding -3 to 5 means jumping left three times because the integer is negative.

2. Fix the sentence: The sum 6 plus -6 equals 12 since adding any two integers always grows the total.

Rewrite: The sum 6 plus -6 equals 0 because opposites cancel each other completely.

3. Fix the sentence: An arrow showing -4 should point to the right toward larger positive integers.

Rewrite: An arrow showing -4 should point to the left toward smaller negative integers.

Part B: Fill in the Blank

Write the missing word or number on each line.

- Drawing -2 plus -3 on a number line, you end at -5 .
- Starting at -1 and moving 4 right lands on 3 .
- The opposite of 0 is 0 because zero has no sign.
- Adding 8 and -8 on a number line gives 0 .

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Describe how to use arrows to model 3 plus -7 on a number line.

Draw an arrow 3 units right from zero, then a 7-unit arrow left from there. The endpoint, -4, is the answer.

2. Why does -5 plus 5 always equal zero on a number line?

Moving 5 left then 5 right brings you back to start. The opposites perfectly cancel each other.
