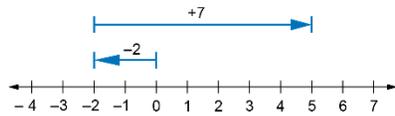


Activity 7 Assessment

Adding and Subtracting Integers

Adding and Subtracting Integers

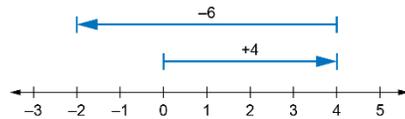
Interprets a given model of integer addition or subtraction



“The arrow to the left represents -2 and the arrow to the right represents $+7$. This model shows that $(-2) + (+7) = (+5)$.”

Adds or subtracts integers by creating and using a model

“I can use a number line to determine the sum $4 + (-6)$.”



The sum is -2 .”

Adds or subtract integers by using observed patterns

Find: $-3 - (-5)$

“I know that $-3 - (-5) = -3 + 5 = 2$ ”

Uses integer addition or subtraction to model and solve a scenario

An elevator travels up 5 floors from ground level, down 3 floors, and then up 8 floors. What floor does the elevator end up on?

“I used positive numbers to represent moving up, negative to represent moving down and 0 for the ground floor. The position of the elevator can be described as $(+5) + (-3) + (+8)$, which is equal to $5 - 3 + 8$, or 10. The elevator ends up on the 10th floor.”

Observations/Documentation