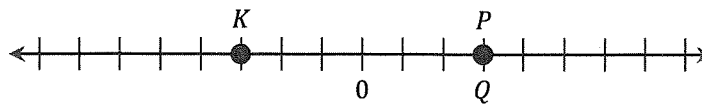


Problem Set

- Read each description carefully, and write an equation that represents the description.
 - The opposite of negative seven
 - The opposite of the opposite of twenty-five
 - The opposite of fifteen
 - The opposite of negative thirty-six
- Jose graphed the opposite of the opposite of 3 on the number line. First, he graphed point P on the number line 3 units to the right of zero. Next, he graphed the opposite of P on the number line 3 units to the left of zero and labeled it K . Finally, he graphed the opposite of K and labeled it Q .



- Is his diagram correct? Explain. If the diagram is not correct, explain his error, and correctly locate and label point Q .
 - Write the relationship between the points:

P and K	_____
K and Q	_____
P and Q	_____
- Read each real-world description. Write the integer that represents the opposite of the opposite. Show your work to support your answer.
 - A temperature rise of 15 degrees Fahrenheit
 - A gain of 55 yards
 - A loss of 10 pounds
 - A withdrawal of \$2,000
 - Write the integer that represents the statement. Locate and label each point on the number line below.
 - The opposite of a gain of 6
 - The opposite of a deposit of \$10
 - The opposite of the opposite of 0
 - The opposite of the opposite of 4
 - The opposite of the opposite of a loss of 5

