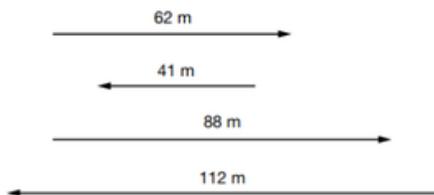


# Grade 9 EQAO Sample Question for Families

Please see below a EQAO digital math question and answer that you can work on with your child.

## Question

6 These arrows represent a student's movement in a straight line moving right and moving left.  
AP



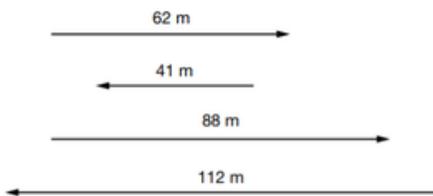
At his final position, where is the student in relation to his initial position?

The student is  of his initial position.

- 3 m to the right
- 3 m to the left
- 303 m to the right
- 303 m to the left

## Correct Answer

6 These arrows represent a student's movement in a straight line moving right and moving left.  
AP



At his final position, where is the student in relation to his initial position?

The student is  of his initial position.

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## Helpful Tips:

1. Use visual representations, such as a number line, to illustrate direction and change.
2. Talk about what a number means, both its sign (positive or negative) and its size. Understanding whether a number represents going forward or backward, increasing or decreasing, and by how much helps students make sense of location, direction, and changes when solving problems. These representations can then be connected to operations (e.g., adding or subtracting positive and negative numbers).
3. Highlight how integers are used in many contexts and real-life situations, and that **negative-number contexts can be thought of as the opposite of positive-number contexts**. For example, +5 could mean adding \$5 to a bank account, moving 5 steps forward, or gaining 5 points. In contrast, -5 would mean spending \$5, moving 5 steps backward, or losing 5 points.



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