## Coordinates in Four Quadrants

Solve the clues to find the four-digit code to escape the classroom!

a. Write down the coordinates of point $A$

## c. Write down the coordinates of point C

d. Find the midpoint of $A$ and $C$.

The first two digits of the code are given by the sum of the $x$ - and $y$-coordinates in the answer to part a, the third is given by the $y$-coordinate in the answer to part c and the final digit is given by the $x$-coordinate in the answer to part d .

Exit Code:


## Coordinates in Four Quadrants

Solve the clues to find the four-digit code to escape the classroom!

a. Write down the coordinates of point $A$.
c. Write down the coordinates of point C.
b. Plot $(4,-9)$ and label it B.
d. Find the midpoint of $A$ and $C$.

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Exit Code:


## Answers

Solve the clues to find the four-digit code to escape the classroom!

a. Write down the coordinates of point $A$.
b. Plot $(4,-9)$ and label it B.
$(6,8)$
c. Write down the coordinates of point C.

$$
(-6,5)
$$

d. Find the midpoint of $A$ and $C$. $(0,6.5)$

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