1. What is the opposite value of Emma's score?

| Name | Score |
| :--- | :---: |
| Cassie | -4 |
| Emma | -12 |
| Juanita | 6 |

(A) -12
(C) 4
(B) -4
(D) 12
2. A swimmer dives to 65 feet below the surface of the ocean. Write the integer that represents the depth of the dive.
3. Which of the following have a value equal to |37|?
$\square-37$ $\square|-37|$
$\square 0$
$\square-(-37)$
$\square 37$
4. What is the perimeter, in units, of polygon PQRSTU?

5. Jeremy listed five rational numbers. Then he drew a number line to display and compare them.

## Part A

Plot the numbers on the number line.
$\frac{6}{3},-\frac{3}{4}, 1.5,0.25,-\frac{5}{4}$


## Part B

Write an inequality that compares one of the fractions to one of the decimals. Then explain how the number line helps you decide which number is greater.
$\square$
6. Which ordered pair locates point $P$ on the coordinate plane?

(A) $(-3,-2)$
(C) $(-2,-3)$
(B) $(-3,2)$
(D) $(-3,-3)$
7. Carlos drew a plan for his garden on a coordinate plane. Rose bushes are located at $A(-5,4), B(3,4)$, and $C(3,-5)$.


## Part A

Graph and label the points to show the locations of the rose bushes.

## Part B

Where should Carlos place a fourth rose bush if he wants to have the bushes form a rectangle? Explain.
8. Which ordered pair locates point $Q$ on the coordinate plane?

(A) $A(1.5,-1.5)$
(C) $C(-1.5,-1.5)$
(B) $B(1.5,1.5)$
(D) $D(-1.5,1.5)$
9. Choose all pairs of points that are reflections of each other across both axes.
$\square\left(-4 \frac{1}{2}, 1\right)$ and $\left(-1,4 \frac{1}{2}\right)$
$\square(2.5,-1)$ and $\left(-2 \frac{1}{2}, 1\right)$
$\square(4.2,-1)$ and $(2.4,-1)$
$\square(1,-2.25)$ and $\left(-1,2 \frac{1}{4}\right)$
$\square\left(-2,2 \frac{1}{3}\right)$ and $\left(2,2 \frac{1}{3}\right)$
10. In 10a-10d, choose Yes or No to tell whether the statement is correct.


10a. $B C$ is 2 units long. $\bigcirc$ Yes $\bigcirc$ No
10b. CA is 5 units long. $\bigcirc$ Yes $\bigcirc$ No
10c. $B C$ is shorter $\bigcirc$ Yes $\bigcirc$ No than $B A$.

10d. $A C$ is 2 units longer $\bigcirc$ Yes $\bigcirc$ No than $B C$.

