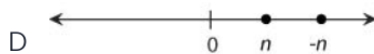
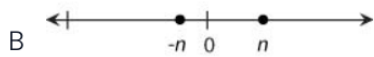
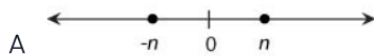


1. Which value of x makes this equation true?

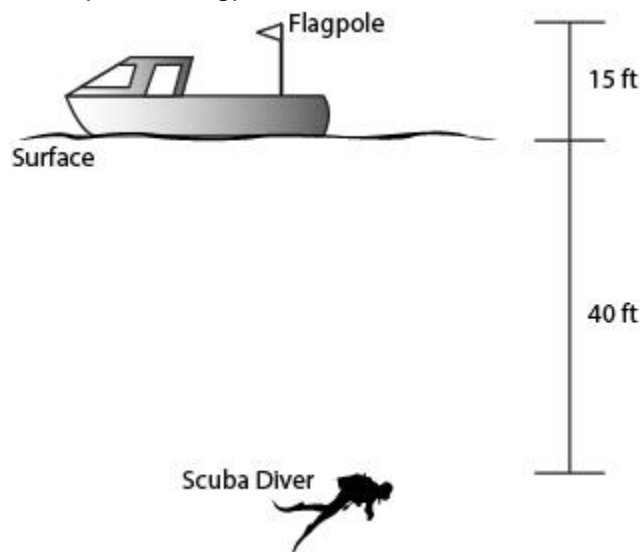
$$\frac{8}{3} \div \frac{4}{5} = x$$

- A. $3/10$
- B. $10/3$
- C. $15/32$
- D. $32/15$

2. Suppose that n is a whole number. Which number line best shows n and $-n$?



3. The diagram below shows a boat and a scuba diver that is approximately 40 feet below the boat. The top of the flagpole on the boat is 15 feet above the surface of the water.



The elevation of the surface of the water is 0 feet. Which number represents the elevation of the scuba diver?

- A. -55 ft
- B. -40 ft
- C. 40ft
- D. 55 ft

4. Which decimal is equivalent to $\frac{2}{3}$?

- A 0.6
- B $0.\bar{6}$
- C 0.66
- D 0.67

5. Bob is buying the soccer team ice cream after their game today. 8 players want ice cream cookies and 5 players want ice cream cones. If ice cream cones cost \$1.25 each and ice cream cookies cost \$1.75 each, how much will Bob spend on ice cream for the team?

- A. \$16.25
- B. \$18.75
- C. \$20.25
- D. \$22.75

6.

Which of these statements is correct about the relative positions of -25 and -6 on a number line?

- A -25 is to the right of -6 , because $-25 < -6$.
- B -25 is to the left of -6 , because $-25 < -6$.
- C -25 is to the right of -6 , because $-25 > -6$.
- D -25 is to the left of -6 , because $-25 > -6$.

7. Evaluate.

$$10.752 \div 2.8 =$$

A 384

B 38.4

C 3.84

D 0.384

8. The decimal equivalent to $\frac{3}{8}$ is _____.

9. On a number line, what is the opposite of a point located at -4?

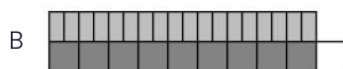
A. $\frac{1}{4}$

B. 4

C. 0

D. -4

10. Michael walks $\frac{9}{10}$ of a mile. Which of these are correct representations of the number of $\frac{1}{5}$ mile distances that are contained in $\frac{9}{10}$ of a mile? Choose ALL that are correct.

A $\frac{9}{10} \times \frac{1}{5}$ C $\frac{9}{10} \div \frac{1}{5}$ F $\frac{9}{10} \times 5$

11. The temperature at the South Pole one day reached a low of -60°C . Which statement uses absolute value correctly to interpret that temperature?

- A Since $|-60| = 60$, the temperature was 60 degrees above zero.
- B Since $|-60| = 60$, the temperature was 60 degrees below zero.
- C Since $|-60| = -60$, the temperature was 60 degrees below zero.
- D Since $|-60| = -60$, the temperature was 60 degrees above zero.

12. Jasper read a thermometer in the morning and it showed -3°F . In the afternoon, it showed 5°F . Which statement correctly explains these temperatures?

- A -3°F is greater than 0, and 5°F is less than 0.
- B -3°F is less than 0, and 5°F is greater than 0.
- C -3°F is less than 0, and 5°F is less than 0.
- D -3°F is greater than 0, and 5°F is greater than 0.

13. This table shows the lowest recorded temperature of some of the tallest mountain peaks around the world.

Mountain Peak	Temperature
Makalu	$-23.4^{\circ}F$
Broad Peak	$-30.7^{\circ}F$
Mount McKinley	$-15.6^{\circ}F$
Kilimanjaro	$-26.1^{\circ}F$

Drag the numbers to each empty box to place them in order from least to greatest.

Least-----Greatest

14. Cameron drives 190 miles to visit his brother, and Nicholas drives 58.2 miles to visit his cousin. How much further does Cameron drive than Nicholas?

A 131.8 miles

B 132.8 miles

C 141.8 miles

D 142.7 miles