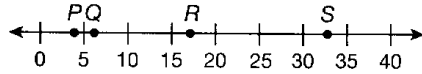


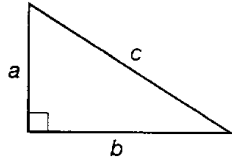
question. Fill in the circle in the spaces provided for questions 1 through 30 on your answer sheet.

1. Which point best represents  $\sqrt{33}$  on this number line?



- A. P
- B. Q
- C. R
- D. S

2. In the right triangle below,  $a = 6$  cm and  $b = 8$  cm. What is  $c$ ?



- A. 10 cm because  $c^2 = a^2 + b^2$
- B. 14 cm because  $c = a + b$
- C. 48 cm because  $c = ab$
- D. 100 cm because  $c^2 = a^2 + b^2$

3. Toby is saving \$15 per week. Which inequality shows how to find the number of weeks ( $w$ ) Toby must save to have at least \$100?

- A.  $15w < 100$
- B.  $15w \leq 100$
- C.  $15w \geq 100$
- D.  $w + 15 \geq 100$

4. Which number is irrational?

- A.  $\sqrt{49}$
- B.  $-5.\bar{6}$
- C.  $-\frac{19}{20}$
- D.  $\sqrt{40}$