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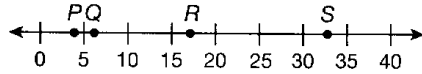
A. *P*

B. *Q*

C. *R*

D. *S*

2. In the right triangle below, $a = 6$ cm and $b = 8$ cm. What is *c*?
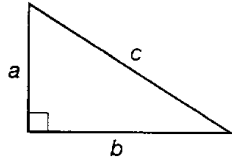
A. 10 cm because $c^2 = a^2 + b^2$

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. $-5.\overline{6}$

C. $-\frac{19}{20}$

D. $\sqrt{40}$