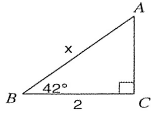


Find the measure of each side indicated. Round to the nearest tenth.

11)

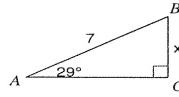


$$\cos 42^\circ = \frac{2}{x}$$

$$x = \frac{2}{\cos 42}$$

$$x = 2.7$$

12)

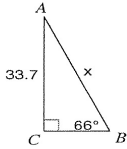


$$\sin 29 = \frac{x}{7}$$

$$x = 7 \sin 29$$

$$x = 3.4$$

13)

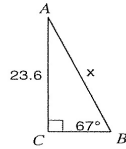


$$\sin 66 = \frac{33.7}{x}$$

$$x = \frac{33.7}{\sin 66}$$

$$x = 36.9$$

14)

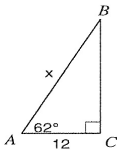


$$\sin 67 = \frac{23.6}{x}$$

$$x = \frac{23.6}{\sin 67}$$

$$x = 25.6$$

15)

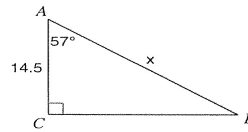


$$\cos 62 = \frac{12}{x}$$

$$x = \frac{12}{\cos 62}$$

$$x = 25.4$$

16)



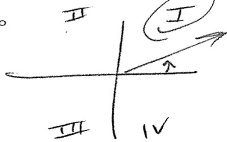
$$\cos 57 = \frac{14.5}{x}$$

$$x = \frac{14.5}{\cos 57}$$

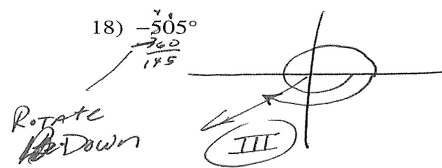
$$x = 26.6$$

State the quadrant in which the terminal side of each angle lies.

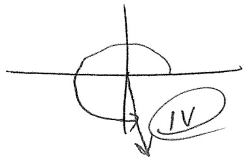
17)  $20^\circ$



18)  $-505^\circ$



19)  $274^\circ$



20)  $678^\circ$

