You may have used the wrong trigonometric function or made an error in solving your equation.

Refer to a $30^{\circ}-60^{\circ}-90^{\circ}$ triangle and use the definition of cosine with the given triangle to obtain:

$$\frac{c}{7} = \cos 30^\circ = \frac{\sqrt{3}}{2}$$

Solve this equation for *c*.