

$$15. \quad \frac{x}{5} = \cos 40^\circ \Leftrightarrow x = 5 \cos 40^\circ \approx 3.83, \text{ and } \frac{y}{5} = \sin 40^\circ \Leftrightarrow y = 5 \sin 40^\circ \approx 3.21$$

$$17. \quad \frac{1}{x} = \sin 20^\circ \Leftrightarrow x = \frac{1}{\sin 20^\circ} \approx 2.92, \text{ and } \frac{x}{y} = \cos 20^\circ \Leftrightarrow y = \frac{x}{\cos 20^\circ} \approx \frac{2.924}{0.9397} \approx 3.11$$