13. $r = \sqrt{5^2 + 7^2} = \sqrt{74}$. Then $\sin\theta = \frac{5}{\sqrt{74}}$, $\cos\theta = \frac{7}{\sqrt{74}}$, $\tan\theta = \frac{5}{7}$, $\csc\theta = \frac{\sqrt{74}}{5}$, $\sec\theta = \frac{\sqrt{74}}{7}$, and $\cot\theta = \frac{7}{5}$.

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

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