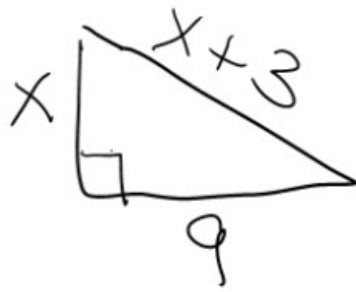
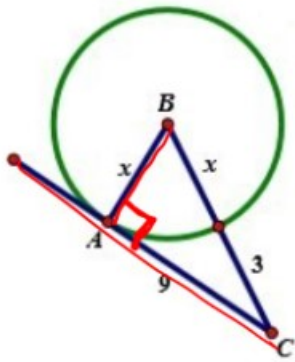


31) Solve for x .



$$x^2 + 9^2 = (x+3)^2$$

$$x^2 + 9^2 = (x+3)(x+3)$$

$$\begin{array}{r} x^2 + 81 = x^2 + 3x + 3x + 9 \\ -x^2 \quad -9 \quad -x^2 \quad -9 \end{array}$$

$$\frac{72}{6} = \frac{6x}{6}$$

$$12 = x$$

