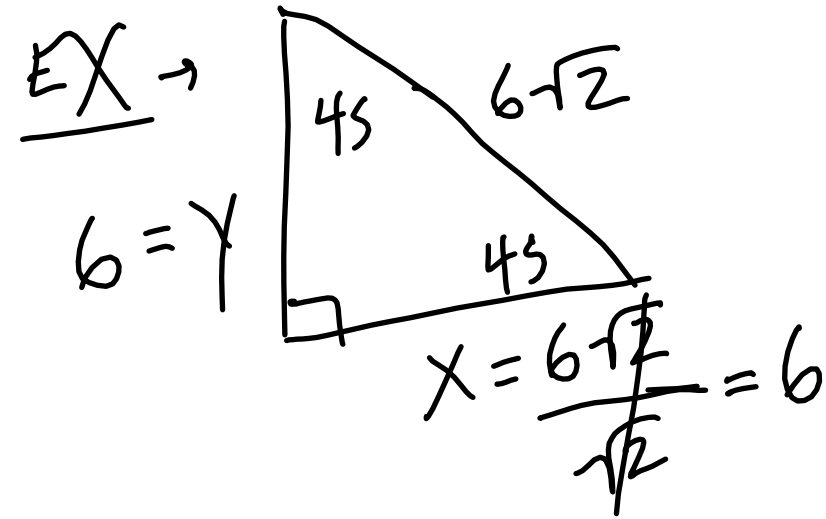
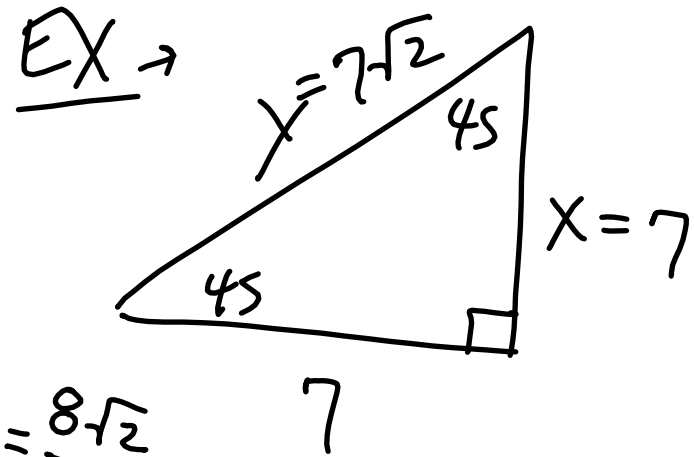
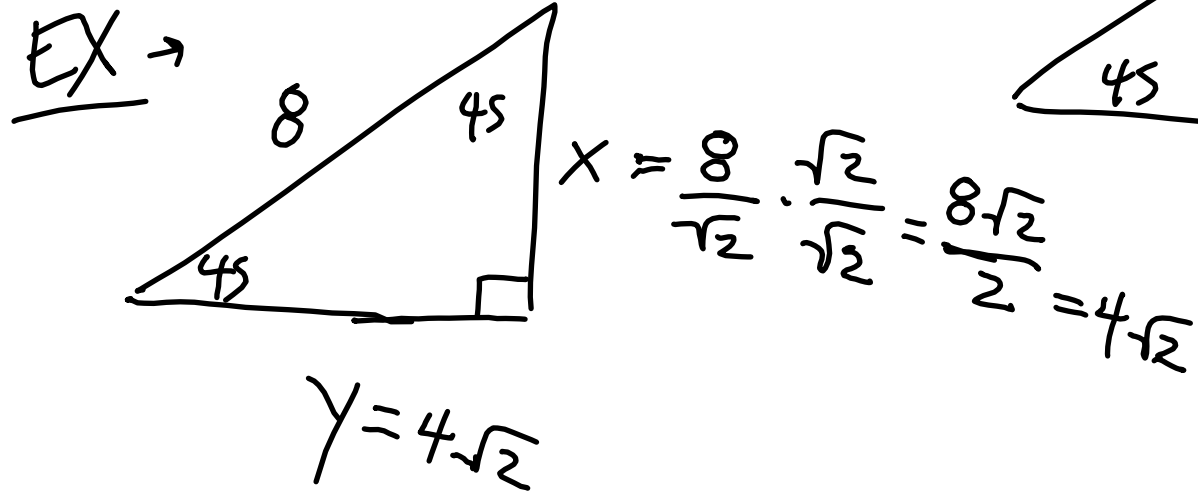
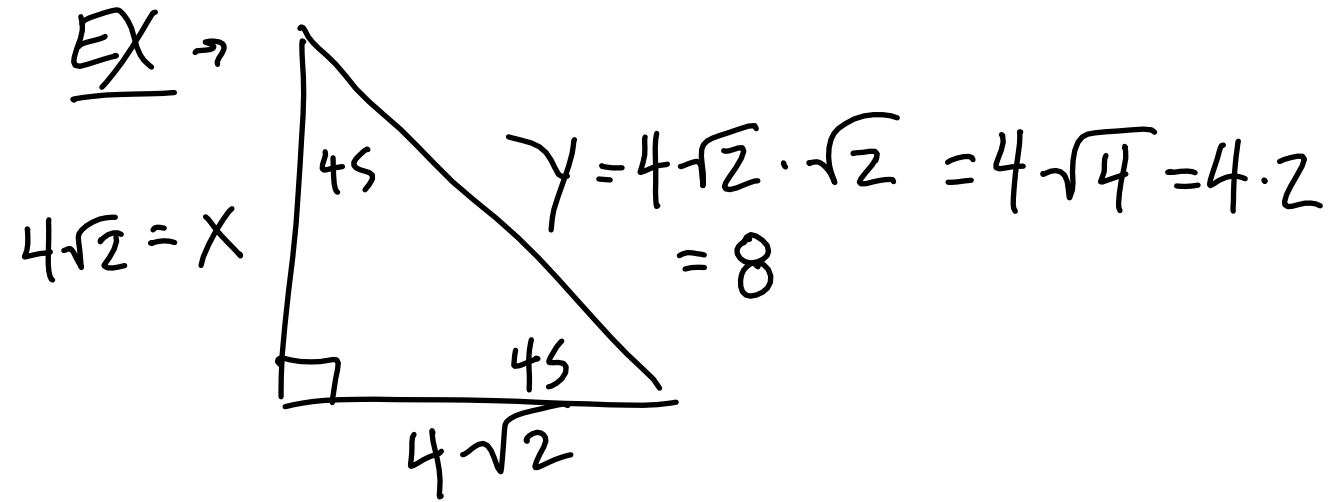
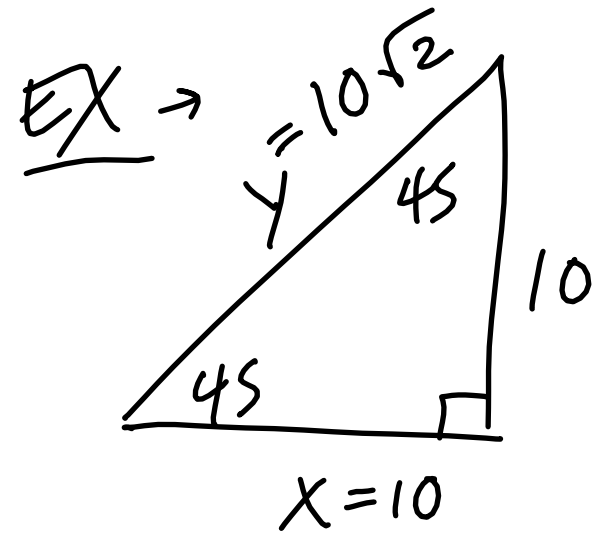
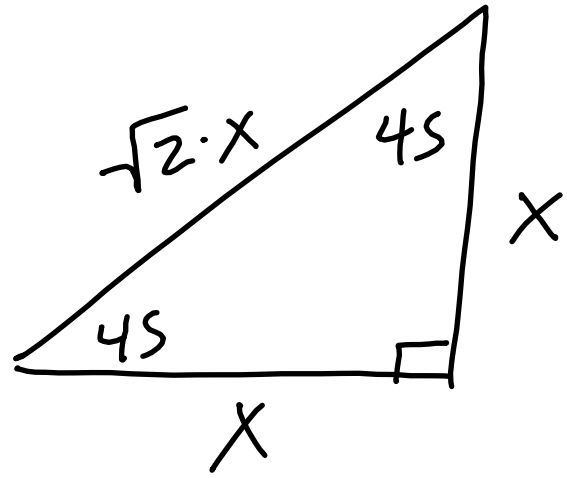


Special Right Triangles

45-45-90



$$\frac{9}{\sqrt{3}} \cdot \frac{\sqrt{3}}{\sqrt{3}} = \frac{9\sqrt{3}}{3} = 3\sqrt{3}$$

$$\frac{5}{\sqrt{3}} = \frac{5}{3}\sqrt{3}$$

$$\frac{12}{\sqrt{6}} = 2\sqrt{6}$$

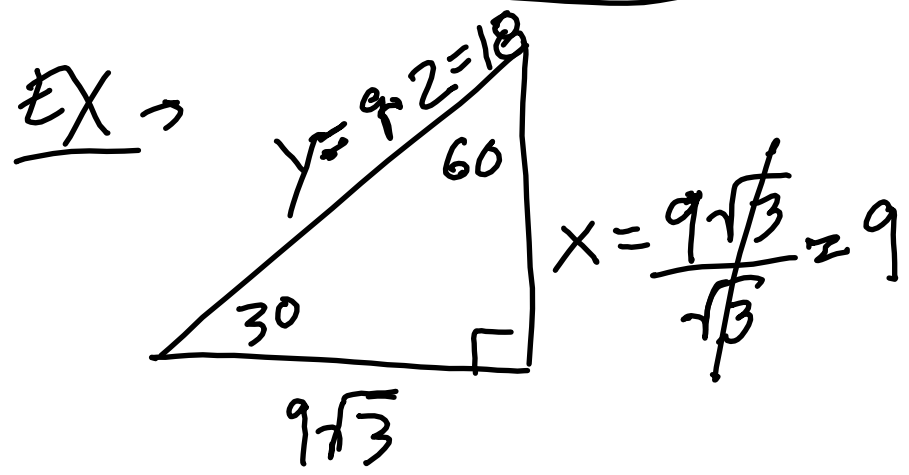
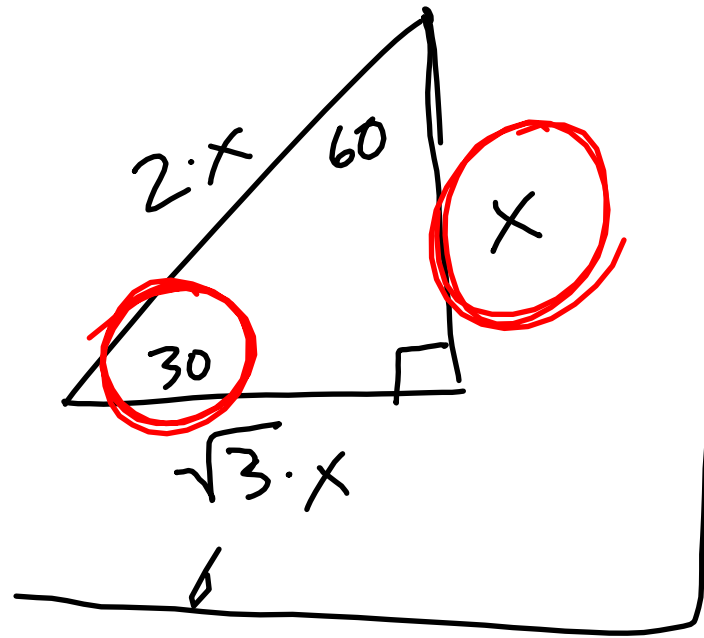
$$\frac{12}{\sqrt{7}} = \frac{12}{7}\sqrt{7}$$

$$\frac{12}{\sqrt{6}} \cdot \frac{\sqrt{6}}{\sqrt{6}} = \frac{12\sqrt{6}}{6}$$

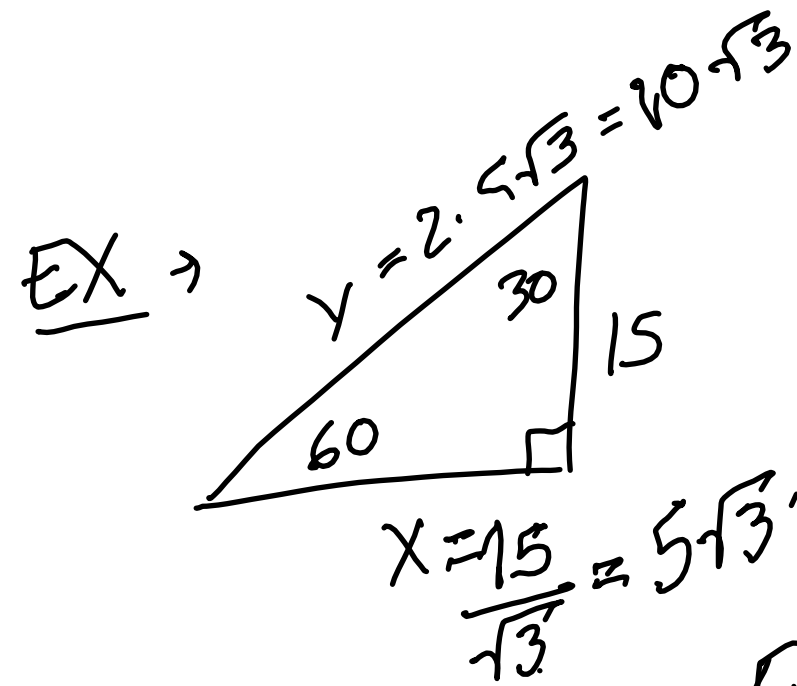
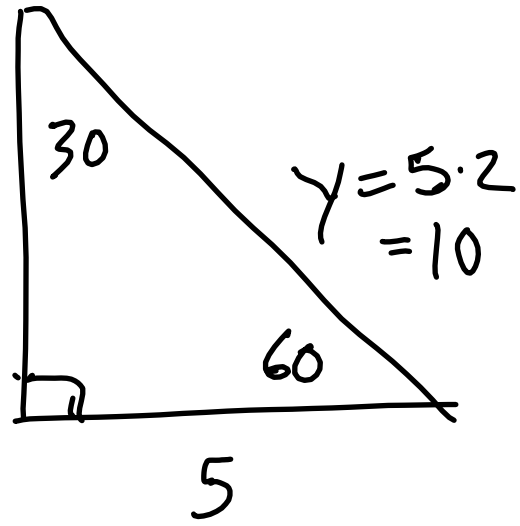
$$\frac{21}{\sqrt{5}} = \frac{21}{5}\sqrt{5}$$

$$\frac{49}{\sqrt{7}} = 7\sqrt{7}$$

30-60-90

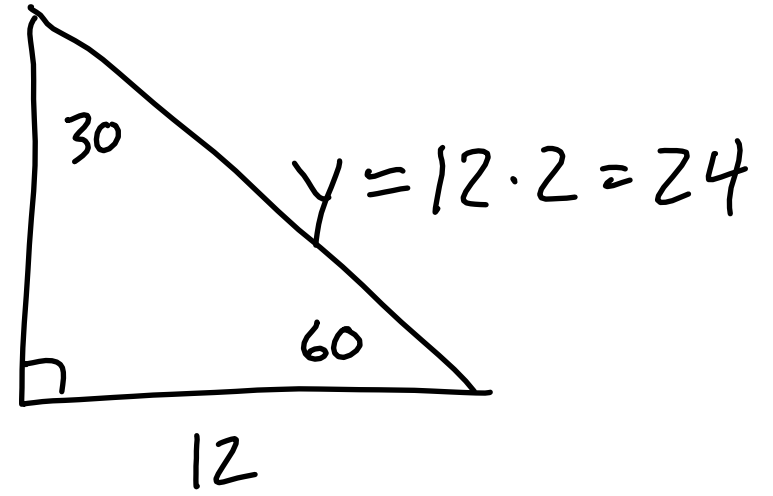


EX →
 $5\sqrt{3} = x$

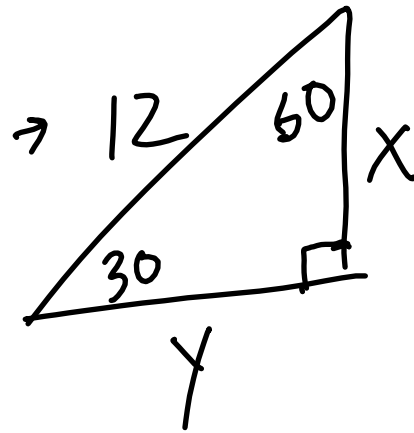


EX →

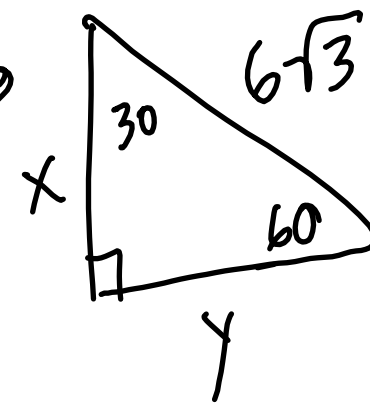
$12\sqrt{3} = x$



EX →



EX →



HW: p. 503 \rightarrow 8-22 even, 34