

1-12-18 5th Geo

$$\sqrt{4} \cdot \sqrt{4} = \sqrt{16} = 4$$

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

$$\sqrt{n} \cdot \sqrt{n} = n$$

$$\textcircled{1} \quad 2 \sqrt{3} \cdot 5 \sqrt{3} = 30$$

$2 \cdot 5 \cdot 3$

$$\textcircled{2} \quad 3 \sqrt{5} \cdot 5 \sqrt{5} = 75$$

$15 \cdot 5$

$$\textcircled{3} \quad 7 \sqrt{2} \cdot \sqrt{2} = 14$$

2

$$\textcircled{4} \quad 6 \sqrt{2} \cdot 2 \sqrt{2} = 24$$

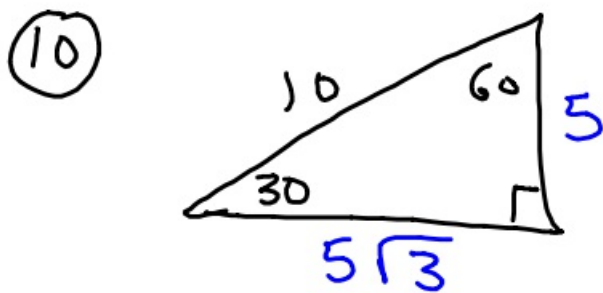
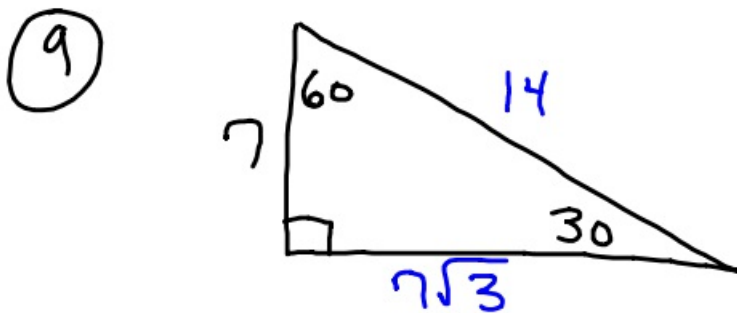
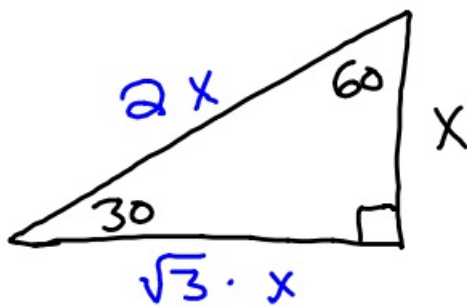
$6 \cdot 2 \cdot 2$

$$\textcircled{5} \quad \frac{2}{\sqrt{3}} \cdot \frac{\sqrt{3}}{\sqrt{3}} = \frac{2\sqrt{3}}{3}$$

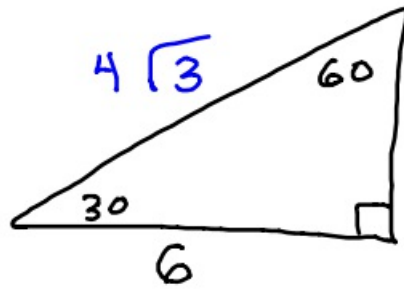
$$\textcircled{6} \quad \frac{3}{\sqrt{5}} \cdot \frac{\sqrt{5}}{\sqrt{5}} = \frac{3\sqrt{5}}{5}$$

$$\textcircled{7} \quad \frac{4}{\sqrt{2}} \cdot \frac{\sqrt{2}}{\sqrt{2}} = \frac{4\sqrt{2}}{2} = 2\sqrt{2}$$

$$\textcircled{8} \quad \frac{12}{\sqrt{3}} \cdot \frac{\sqrt{3}}{\sqrt{3}} = \frac{12\sqrt{3}}{3} = 4\sqrt{3}$$



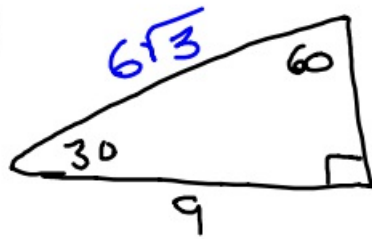
11



$$\frac{6}{\sqrt{3}} = 2\sqrt{3}$$

$$\frac{6}{\sqrt{3}} \cdot \frac{\sqrt{3}}{\sqrt{3}} = \frac{6\sqrt{3}}{3}$$

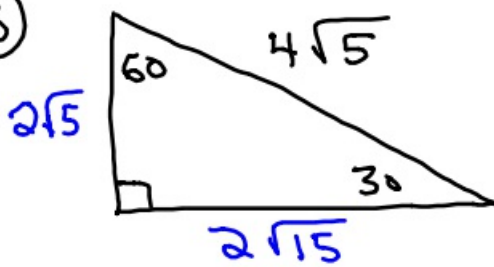
12



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

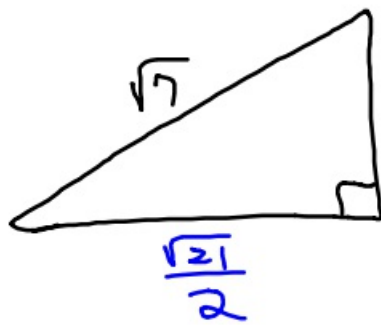
$$\frac{9}{\sqrt{3}} \cdot \frac{\sqrt{3}}{\sqrt{3}} = \frac{9\sqrt{3}}{3} = 3\sqrt{3}$$

13



$$2\sqrt{5} \cdot \sqrt{3}$$

14



$$\frac{\sqrt{7}}{2}$$

$$\frac{\sqrt{3}}{2}$$

$$\frac{\sqrt{7}}{2} \cdot \frac{\sqrt{3}}{1} =$$

1-12-18 6th Geo

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

$$\sqrt{11} \cdot \sqrt{11} = \sqrt{121} = 11$$

$$\sqrt{n} \cdot \sqrt{n} = n$$

$$\textcircled{1} \quad 2 \sqrt{5 \cdot 5} = 10$$

\downarrow
 $2 \cdot 5$

$$\textcircled{2} \quad 3 \sqrt{2} \cdot 7 \sqrt{2} = 42$$

$3 \cdot 7 \cdot 2$

$$\textcircled{3} \quad 3\sqrt{2} \cdot 4\sqrt{5} = 12\sqrt{10}$$

$$\textcircled{4} \quad 6 \sqrt{3} \cdot 2 \sqrt{3} = 36$$

$6 \cdot 2 \cdot 3$

$$\textcircled{5} \quad 2 \sqrt{7} \cdot 2 \sqrt{7} = 28$$

$2 \cdot 2 \cdot 7$

$$\frac{4}{\sqrt{5}} \cdot \frac{\sqrt{5}}{\sqrt{5}} = \frac{4\sqrt{5}}{5}$$

$$\frac{2}{3} \cdot \frac{5}{5} = \frac{10}{15}$$

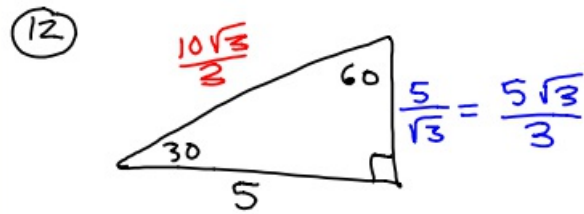
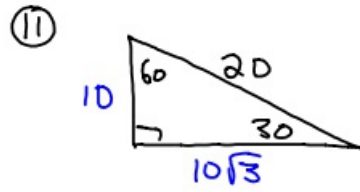
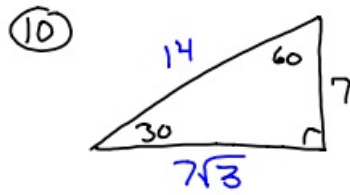
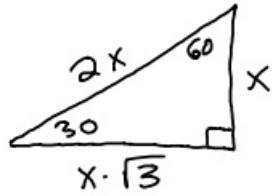
$$\textcircled{6} \quad \frac{2}{\sqrt{3}} \cdot \frac{\sqrt{3}}{\sqrt{3}} = \frac{2\sqrt{3}}{3}$$

$$\frac{2}{3} \cdot \frac{7}{7} = \frac{14}{21}$$

$$\textcircled{7} \quad \frac{4}{\sqrt{7}} \cdot \frac{\sqrt{7}}{\sqrt{7}} = \frac{4\sqrt{7}}{7}$$

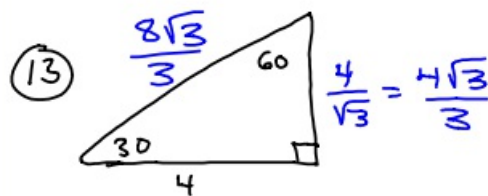
$$\textcircled{8} \quad \frac{4}{\sqrt{2}} \cdot \frac{\sqrt{2}}{\sqrt{2}} = \frac{4\sqrt{2}}{2} = \frac{2\sqrt{2}}{1} = 2\sqrt{2}$$

$$\textcircled{9} \quad \frac{20}{\sqrt{5}} \cdot \frac{\sqrt{5}}{\sqrt{5}} = \frac{20\sqrt{5}}{5} = 4\sqrt{5}$$



$$\frac{5\sqrt{3}}{3} \cdot \frac{2}{1}$$

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



$$\frac{4}{\sqrt{3}} \cdot \frac{\sqrt{3}}{\sqrt{3}} = \frac{4\sqrt{3}}{3}$$

Have a wonderful
Weekend!

