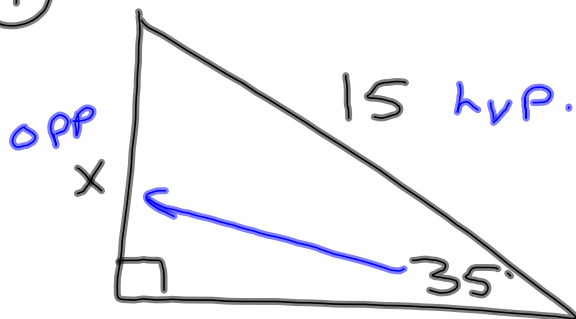


2-24-14
5th Geo

①



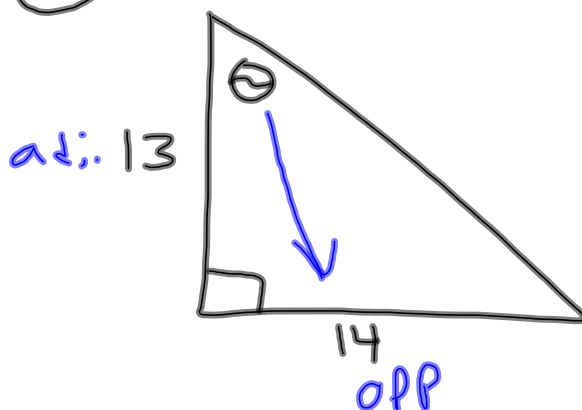
SOH CAH TOA

$$\frac{\sin 35^\circ}{1} = \frac{x}{15}$$

$$x = 15 \cdot \sin 35^\circ$$

$$x \approx 8.6$$

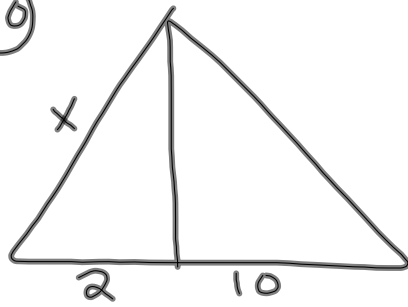
⑦



$$\cancel{\tan^{-1} \tan} \theta = \tan^{-1} \frac{14}{13}$$

$$\theta \approx 47.1^\circ$$

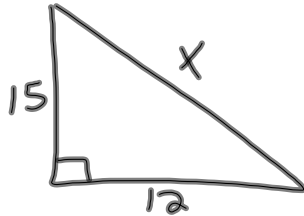
10



$$x = \sqrt{2 \cdot 12} = \sqrt{24}$$

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

$$2\sqrt{6}$$

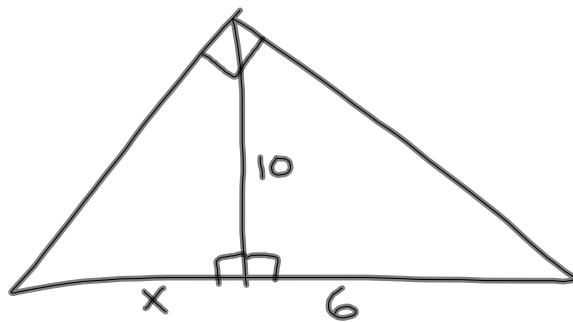


$$12^2 + 15^2 = c^2$$

$$144 + 225 = c^2$$

$$\sqrt{369} = \sqrt{c^2}$$

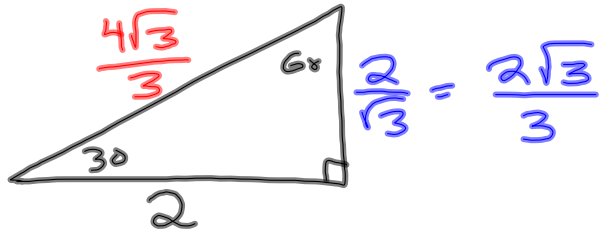
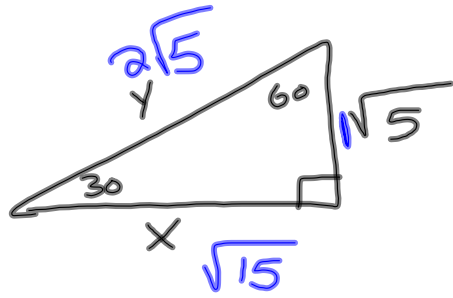
$$19.2 \approx c$$



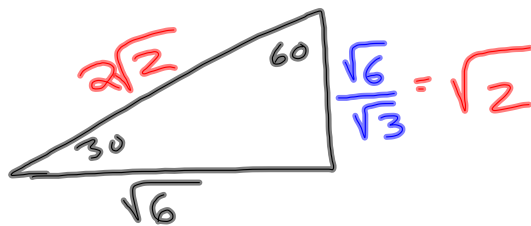
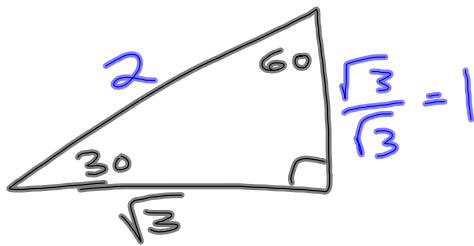
$$10^2 = \sqrt{x \cdot 6}^2$$

$$\frac{100}{6} = \frac{x \cdot 6}{6}$$

$$16\frac{2}{3} \approx x$$

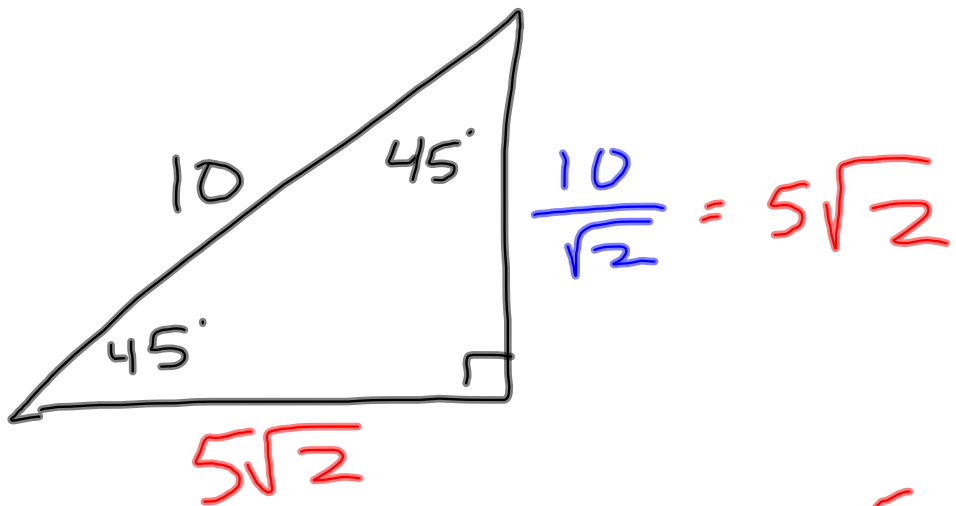


$$\frac{2}{\sqrt{3}} \cdot \frac{\sqrt{3}}{\sqrt{3}} = \frac{2\sqrt{3}}{3}$$

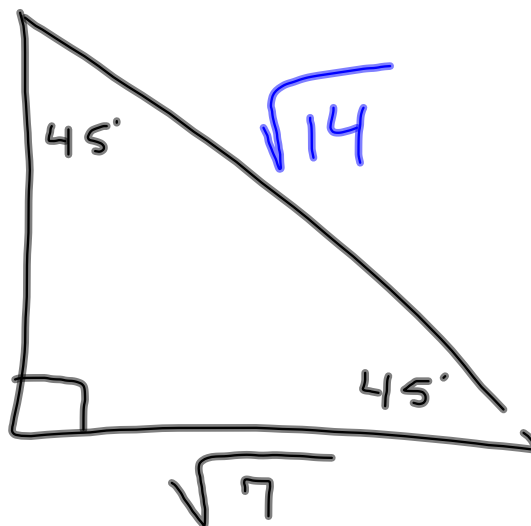


$$\frac{\sqrt{6}}{\sqrt{3}} \cdot \frac{\sqrt{3}}{\sqrt{3}} = \frac{\sqrt{18}}{3} = \frac{\sqrt{3 \cdot 3 \cdot 2}}{3}$$

$$\frac{3 \sqrt{\cancel{3} \cdot \cancel{3} \cdot 2}}{3} = \frac{\cancel{3} \sqrt{2}}{\cancel{3}} = \sqrt{2}$$

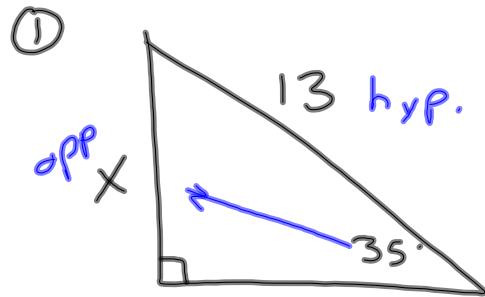


$$\frac{10}{\sqrt{2}} \cdot \frac{\sqrt{2}}{\sqrt{2}} = \frac{\cancel{10}\sqrt{2}}{\cancel{2}}$$



6th period

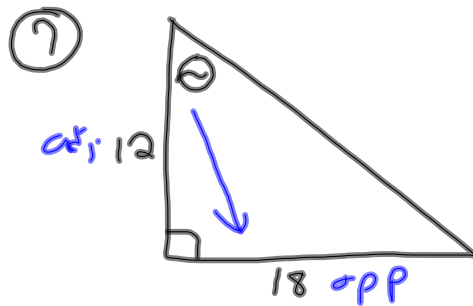
Test-Ch. 8 tomorrow



$$\frac{\sin 35}{1} = \frac{X}{13}$$

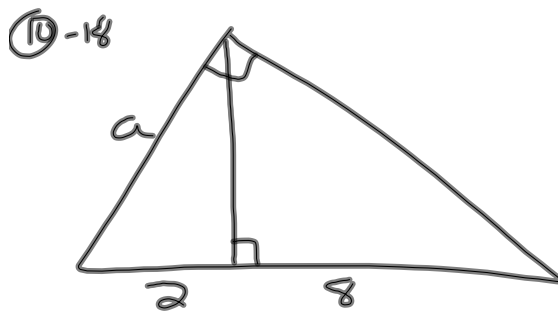
$$X = 13 \cdot \sin 35^\circ$$

$$X \approx 7.46$$

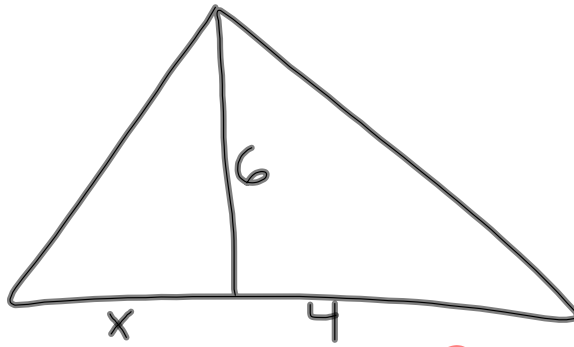


$$\tan^{-1} \tan \theta = \tan^{-1} \frac{18}{12}$$

$$\theta \approx 56.3^\circ$$



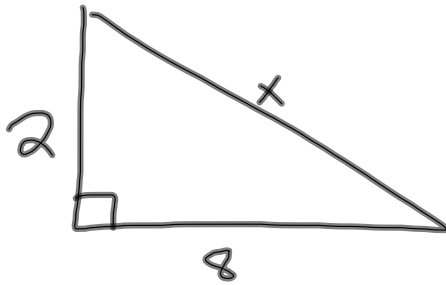
$$a = \frac{\sqrt{2 \cdot 10}}{\sqrt{2 \cdot 5}} = \frac{\sqrt{20}}{2\sqrt{5}}$$



$$6^2 = \sqrt{x \cdot 4}^2$$

$$\frac{36}{4} = \frac{x \cdot 4}{4}$$

$$9 = x$$

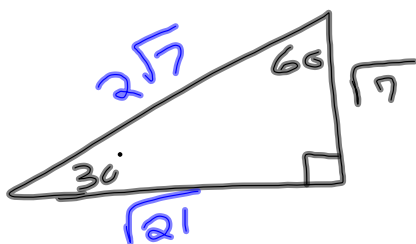


$$2^2 + 8^2 = x^2$$

$$4 + 64 = x^2$$

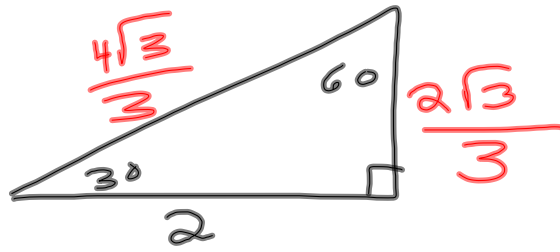
$$\sqrt{68} = \sqrt{x^2}$$

$$x \approx 8.2$$



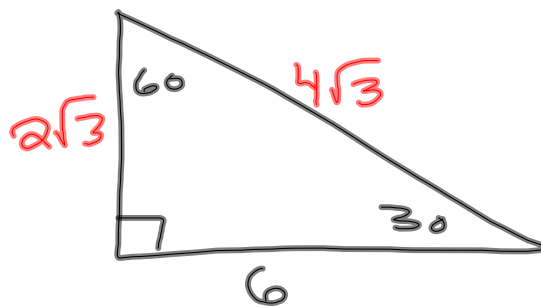
$$2 \cdot \sqrt{7}$$

$$\sqrt{7} \cdot \sqrt{3} =$$

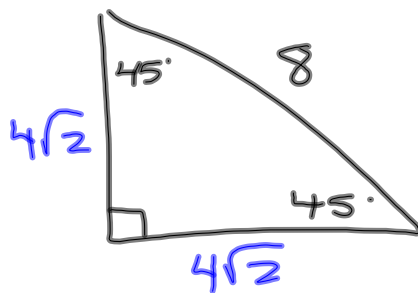


$$\frac{2}{\sqrt{3}} \cdot \frac{\sqrt{3}}{3} = \frac{2\sqrt{3}}{3}$$

$$\frac{2\sqrt{3}}{3} \cdot 2 = \frac{4\sqrt{3}}{3}$$



$$\frac{6}{\sqrt{3}} \cdot \frac{\sqrt{3}}{3} = \frac{\cancel{6}\sqrt{3}}{\cancel{3}_1} = 2\sqrt{3}$$



$$\frac{8}{\sqrt{2}} \cdot \frac{\sqrt{2}}{2} = \frac{8\sqrt{2}}{2} = 4\sqrt{2}$$