

Sore Dancers

1. 13.7

2. 11.9

3. 7.2

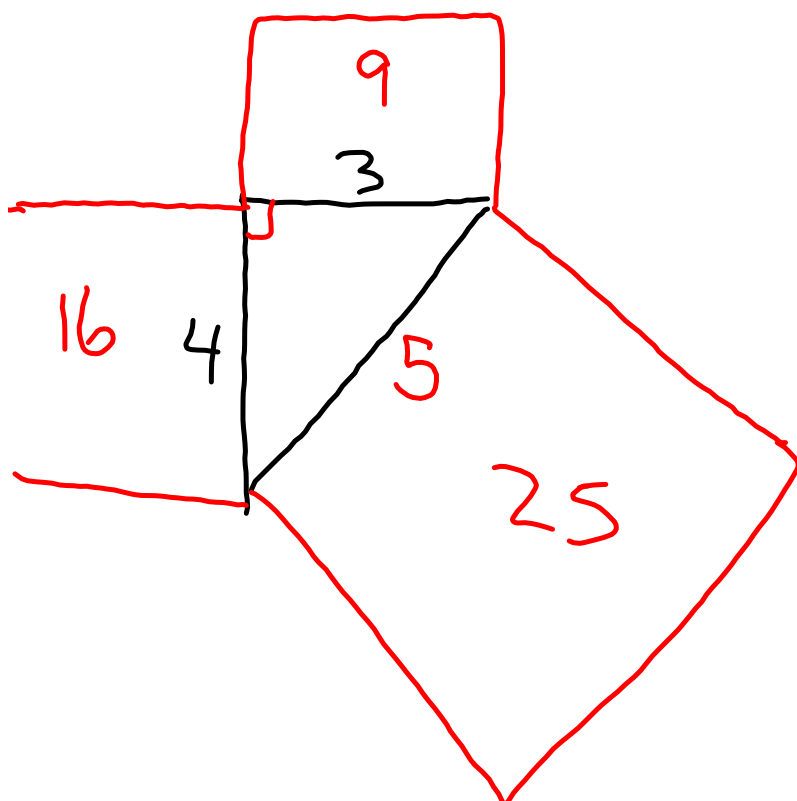
4. 14.2

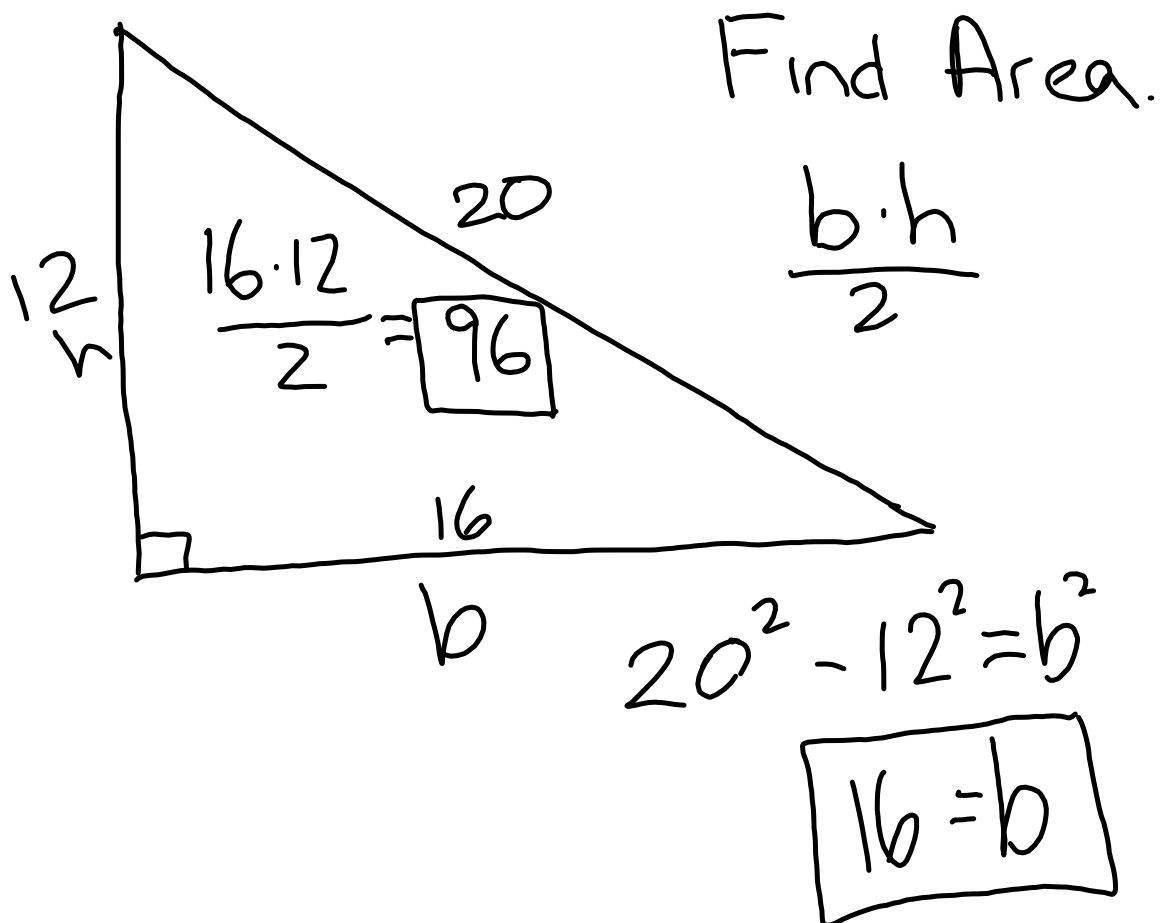
5. maybe

6. maybe

7. 19.5

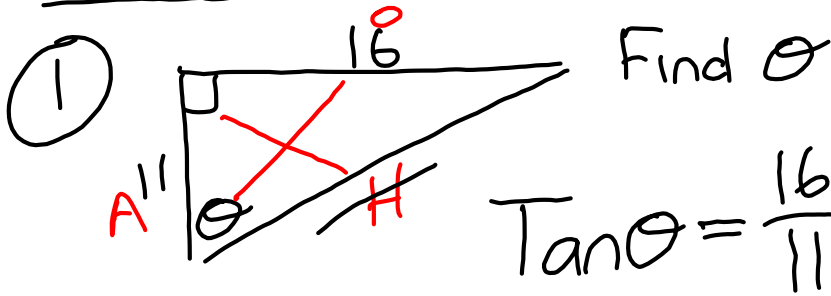
8. 158.4





Trig Reminder

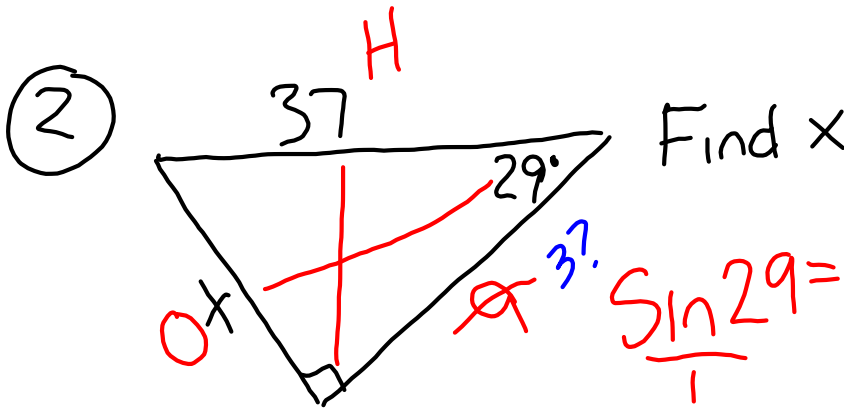
SOH CAH TOA



$$\tan \theta = \frac{16}{11}$$

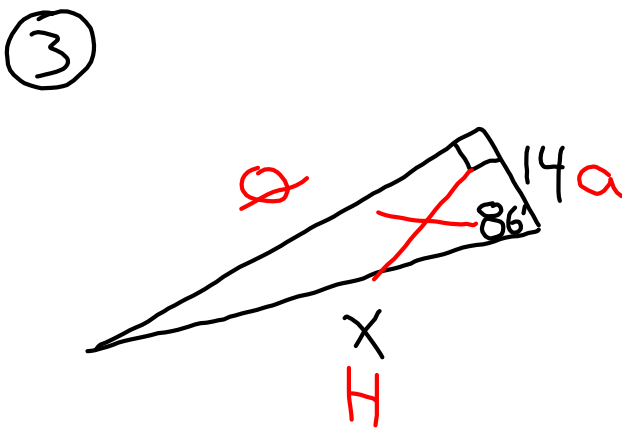
$$\theta = \tan^{-1}\left(\frac{16}{11}\right)$$

$$\theta = 55.5^\circ$$



$$\frac{\sin 29}{1} = \frac{x}{37}$$

$$17.9 = x$$



$$\frac{\cos 86}{1} = \frac{14}{x}$$

$$\frac{14 \cdot 1}{\cos 86} = \frac{x}{14}$$

$$\boxed{200.7}$$

