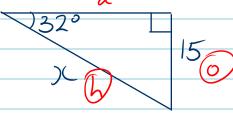
Unit 6 Day 5+6 6-4 Soh Cah Toa

$$\tan \Theta = \frac{O}{a} = \frac{27}{24}$$

tangent:
$$tan\theta = \frac{gpp}{adj}$$
, sine: $sin\theta = \frac{opp}{hyp}$, $cosine: cos\theta = \frac{odj}{hyp}$
 $Soh Cah Toa$ $Sin\theta = \frac{o}{h}$, $cos\theta = \frac{a}{h}$, $tan\theta = \frac{o}{a}$
 $\frac{o}{h} \frac{g}{h} \frac{g}{h}$

$$\sin 32^{\circ} = \frac{0}{h} = \frac{15}{x}$$



$$\chi \sin 32^\circ = \frac{15}{\chi} \chi$$

$$\chi \sin 32^{\circ} = 15$$

 $\sin 32^{\circ} = 15$
 $\chi = 15$

$$5 \text{ in } 32^{\circ} = 15$$
 $\chi = 15$ $5 \text{ in } 32$

Soh (ah Toa

$$COS\Theta = \frac{a}{h} = \frac{20}{28}$$

$$(0? - (0? \Theta) = (0? \frac{58}{50})$$

$$\Theta = \cos^{-1}\left(\frac{5}{7}\right)$$

Practice Day 5+6 odds