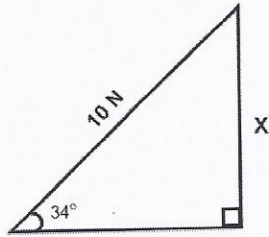
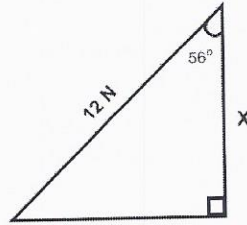


Trigonometry worksheet



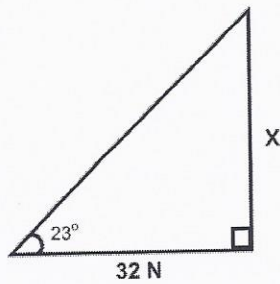
$$\sin 34^\circ = \frac{x}{10}$$

(6 N)



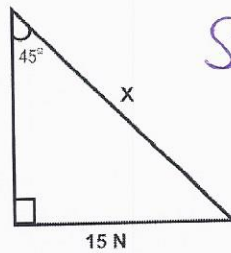
$$\cos 56^\circ = \frac{x}{12}$$

(6.7 N)



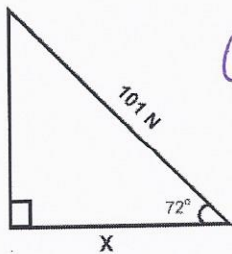
$$\tan 23^\circ = \frac{x}{32}$$

(14 N)



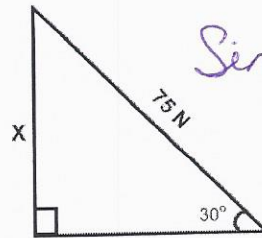
$$\sin 45^\circ = \frac{15}{x}$$

(21 N)



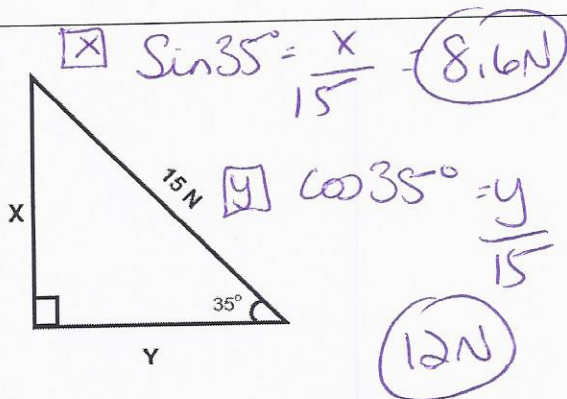
$$\cos 72^\circ = \frac{x}{101}$$

(31 N)



$$\sin 30^\circ = \frac{x}{75}$$

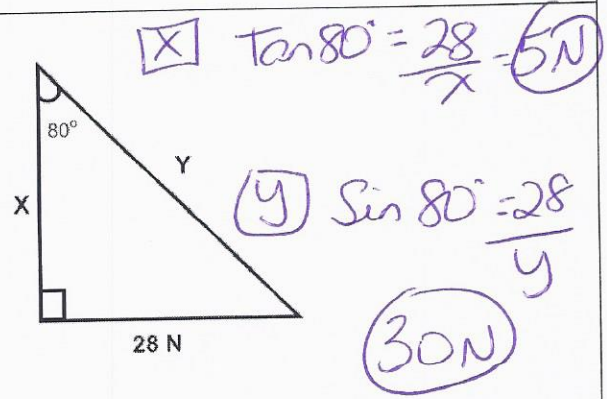
(40 N)



$$\boxed{x} \sin 35^\circ = \frac{x}{15} = (8.6 \text{ N})$$

$$\boxed{y} \cos 35^\circ = \frac{y}{15}$$

(12 N)



$$\boxed{x} \tan 80^\circ = \frac{28}{x} = (5 \text{ N})$$

$$\boxed{y} \sin 80^\circ = \frac{28}{y}$$

(30 N)