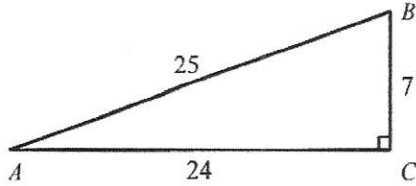


#1

Find $\sin A$ and $\tan B$
(leave answer as a fraction)

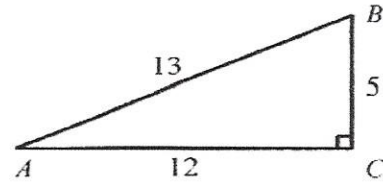


$$\sin A = \frac{7}{25}$$

$$\tan B = \frac{24}{7}$$

#2

Find $\cos A$ and $\sin B$
(leave answer as a fraction)

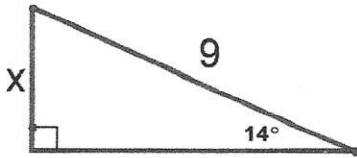


$$\cos A = \frac{12}{13}$$

$$\sin B = \frac{12}{13}$$

#3

Find x



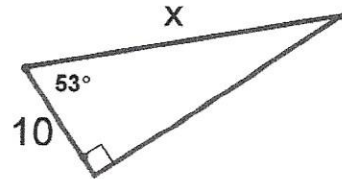
$$\sin 14 = \frac{x}{9}$$

$$x = 2.2$$



#4

Find x



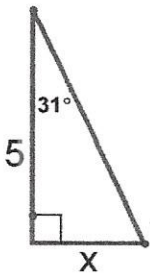
$$\cos 53 = \frac{10}{x}$$

$$x = 16.6$$



#5

Find x



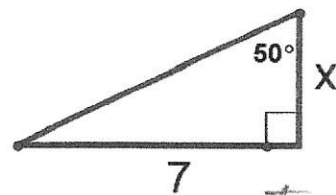
$$\tan 31 = \frac{x}{5}$$

$$x = 3.0$$



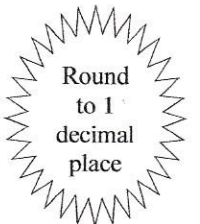
#6

Find x

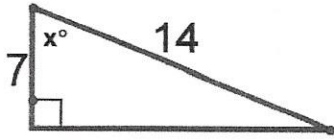


$$\tan 50 = \frac{x}{7}$$

$$x = 5.9$$



#7
Find x

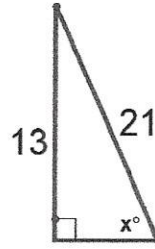


$$\cos x = \frac{7}{14}$$

$$x = 60$$



#8
Find x

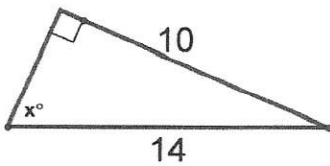


$$\sin x = \frac{13}{21}$$

$$x = 38.2$$

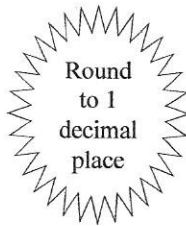


#9
Find x

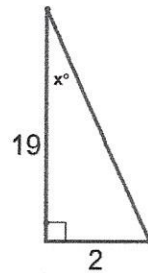


$$\sin x = \frac{10}{14}$$

$$x = 45.6$$



#10
Find x



$$\tan x = \frac{2}{19}$$

$$x = 6.0$$

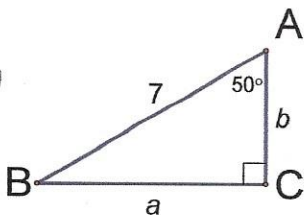


#11
Find the missing information

$$m\angle B = 40$$

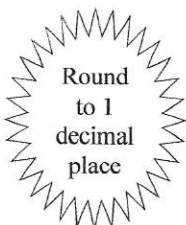
$$a = 5.4$$

$$b = 4.5$$



$$\sin 50 = \frac{a}{7} \quad \cos 50 = \frac{b}{7}$$

$$a = 5.4 \quad b = 4.5$$



$$50 + 90 + B = 180$$

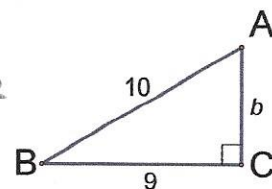
$$B = 40$$

#11
Find the missing information

$$m\angle A = 64.2$$

$$m\angle B = 25.8$$

$$b = 4.4$$



$$\sin A = \frac{9}{10} \quad | \quad 9^2 + b^2 = 10^2$$

$$A = 64.2 \quad | \quad b = 4.4$$

$$64.2 + 90 + B = 180$$

$$B = 25.8$$

