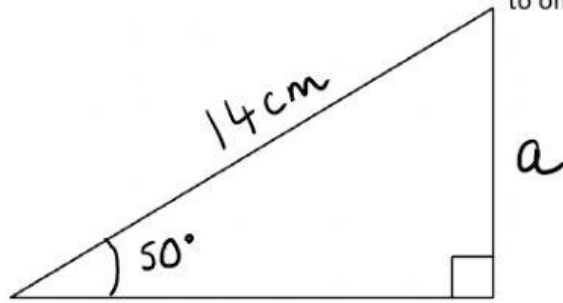


TRIG- SHOWING YOUR WORKING

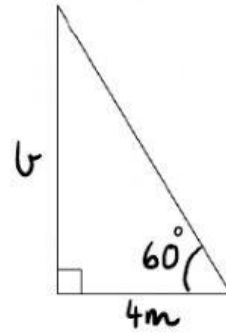
Complete the following calculations in order to calculate the values of the variables. Round all values to one decimal place.



$$\sin \underline{\hspace{1cm}} = \frac{a}{14}$$

$$14 \times \underline{\hspace{1cm}} = a$$

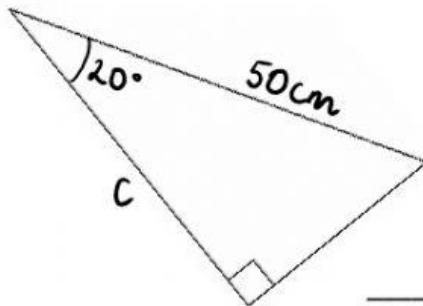
$$a = \underline{\hspace{1cm}} \text{cm}$$



$$\underline{\hspace{1cm}} \sin 60 = \frac{4}{b}$$

$$\underline{\hspace{1cm}} \times \underline{\hspace{1cm}} = b$$

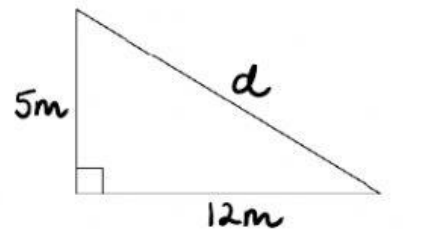
$$b = \underline{\hspace{1cm}} \text{m}$$



$$\underline{\hspace{1cm}} \sin 20 = \frac{c}{50}$$

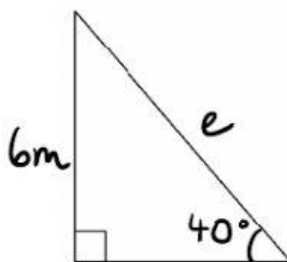
$$\underline{\hspace{1cm}} \times \underline{\hspace{1cm}} = c$$

$$c = \underline{\hspace{1cm}} \text{cm}$$



$$d = \sqrt{12^2 + 5^2}$$

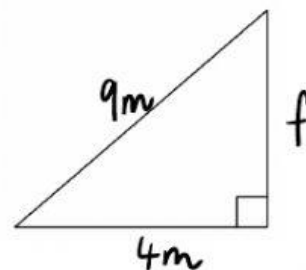
$$d = \underline{\hspace{1cm}} \text{m}$$



$$\underline{\hspace{1cm}} \sin 40 = \frac{6}{e}$$

$$e = \underline{\hspace{1cm}}$$

$$e = \underline{\hspace{1cm}} \text{m}$$



$$f = \sqrt{9^2 - 4^2}$$

$$f = \underline{\hspace{1cm}} \text{m}$$