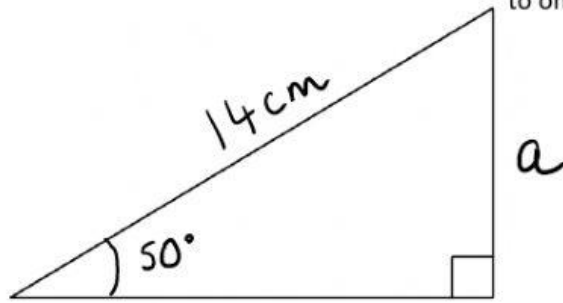


TRIG- SHOWING YOUR WORKING

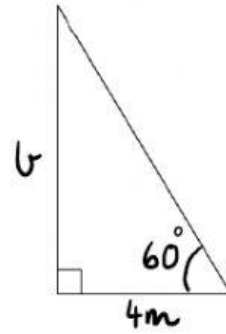
Complete the following calculations in order to calculate the values of the variables. Round all values to one decimal place.



$$\sin \underline{\quad} = \frac{a}{14}$$

$$14 \times \underline{\quad} = a$$

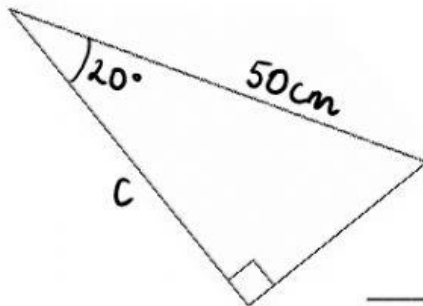
$$a = \underline{\quad} \text{ cm}$$



$$\underline{\quad} \cos 60 = \frac{4}{\underline{\quad}}$$

$$\underline{\quad} \times \underline{\quad} = b$$

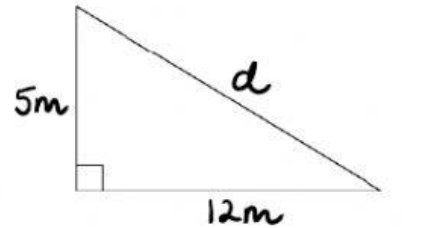
$$b = \underline{\quad} \underline{\quad}$$



$$\underline{\quad} \sin 20 = \underline{\quad}$$

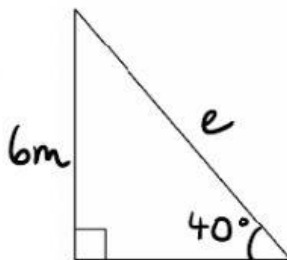
$$\underline{\quad} \times \underline{\quad} = c$$

$$c = \underline{\quad} \underline{\quad}$$



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

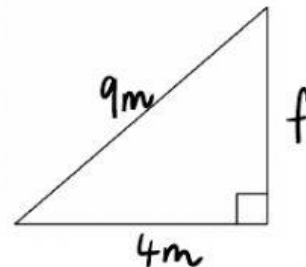
$$d = \underline{\quad} \text{ m}$$



$$\underline{\quad} \sin 40 = \underline{\quad}$$

$$e = \underline{\quad}$$

$$e = \underline{\quad}$$



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

$$f = \underline{\quad} \text{ m}$$