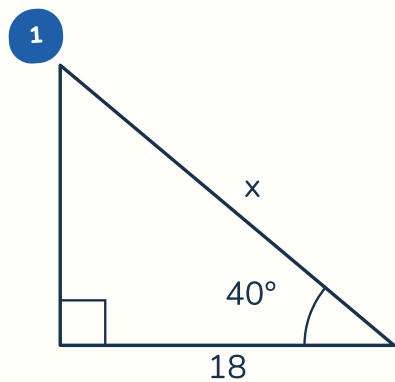


Right-triangle trigonometry — Find a side with trigonometry

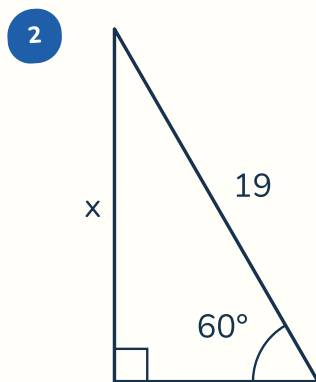
Name: _____

Date: _____

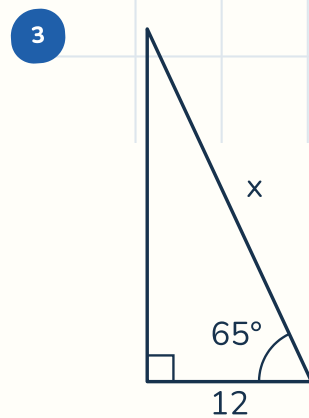
Find the side marked x , to one decimal place. Use a calculator.



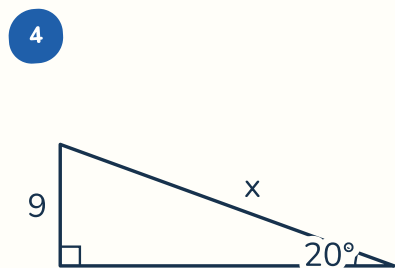
_____ cm



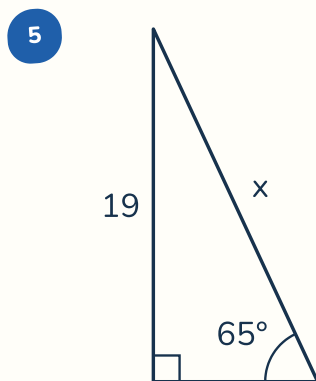
_____ cm



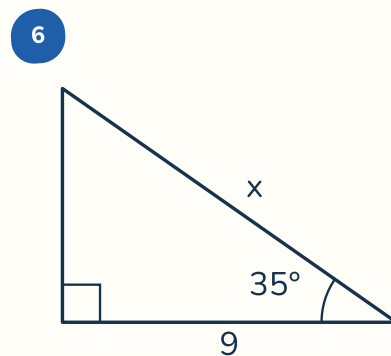
_____ cm



_____ cm



_____ cm



_____ cm



Right-triangle trigonometry · Find a side with trigonometry

— Answer key

1. 40° , adj 18 $\rightarrow$ hyp $x = 23.5$

2. 60° , hyp 19 $\rightarrow$ opp $x = 16.5$

3. 65° , adj 12 $\rightarrow$ hyp $x = 28.4$

4. 20° , opp 9 $\rightarrow$ hyp $x = 26.3$

5. 65° , opp 19 $\rightarrow$ hyp $x = 21$

6. 35° , adj 9 $\rightarrow$ hyp $x = 11$

