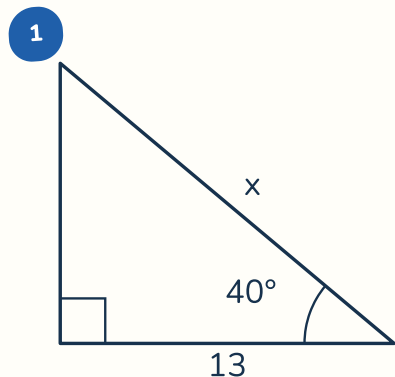


Right-triangle trigonometry — Find a side or an angle with trigonometry

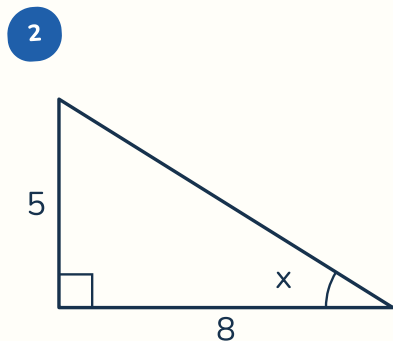
Name: _____

Date: _____

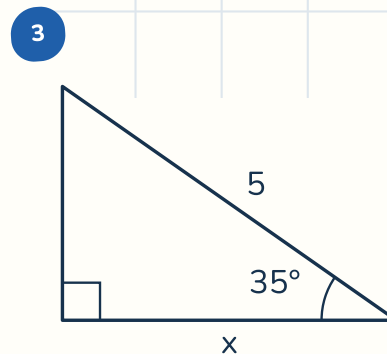
Find the value marked x . Use a calculator; round a side to one decimal place and an angle to the nearest degree.



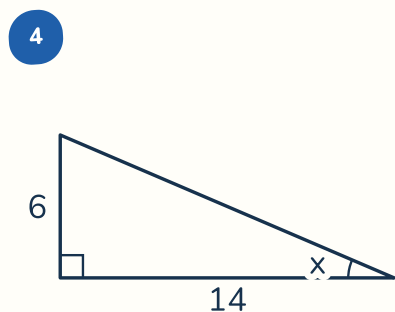
_____ cm



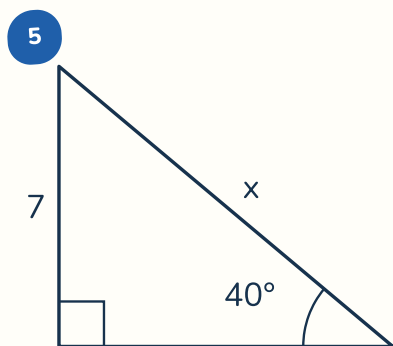
_____ degrees



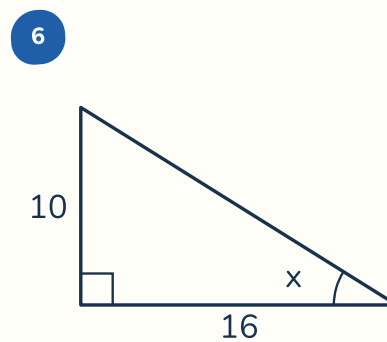
_____ cm



_____ degrees



_____ cm



_____ degrees



Right-triangle trigonometry · Find a side or an angle with trigonometry — Answer key

1. 40° , adj 13 $\rightarrow$ hyp $x = 17$ 2. opp 5, adj 8 $\rightarrow x = 32^\circ$ 3. 35° , hyp 5 $\rightarrow$ adj $x = 4.1$ 4. opp 6, adj 14 $\rightarrow x = 23^\circ$
5. 40° , opp 7 $\rightarrow$ hyp $x = 10.9$ 6. opp 10, adj 16 $\rightarrow x = 32^\circ$

