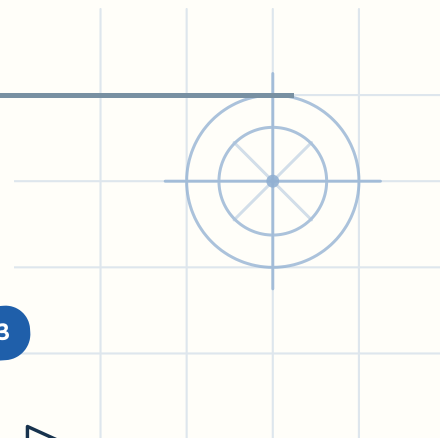


Right-triangle trigonometry — Find an angle with trigonometry

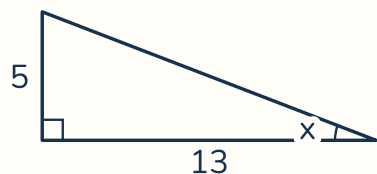
Name: _____

Date: _____

Find the angle marked x , to the nearest degree. Use a calculator.

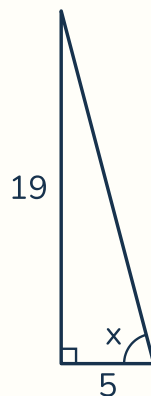


1



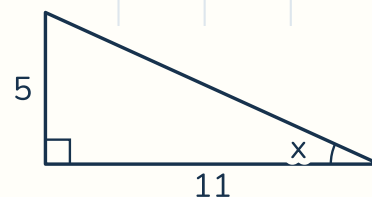
_____ degrees

2



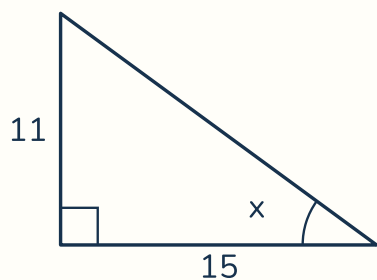
_____ degrees

3



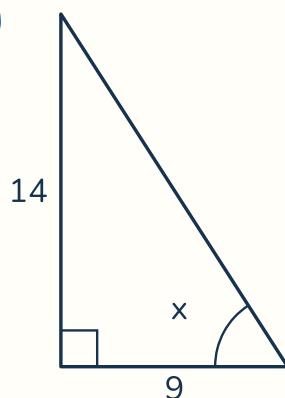
_____ degrees

4



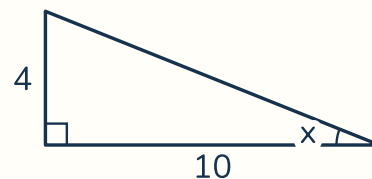
_____ degrees

5



_____ degrees

6



_____ degrees



Right-triangle trigonometry · Find an angle with trigonometry

— Answer key

1. opp 5, adj 13 $\rightarrow x = 21^\circ$

2. opp 19, adj 5 $\rightarrow x = 75^\circ$

3. opp 5, adj 11 $\rightarrow x = 24^\circ$

4. opp 11, adj 15 $\rightarrow x = 36^\circ$

5. opp 14, adj 9 $\rightarrow x = 57^\circ$

6. opp 4, adj 10 $\rightarrow x = 22^\circ$

