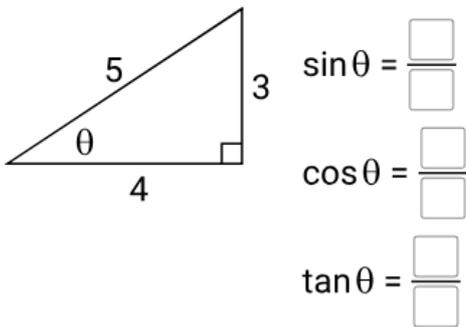
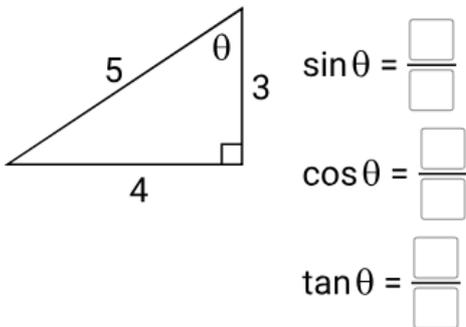


# Year 9 Class 18 questions

Q1

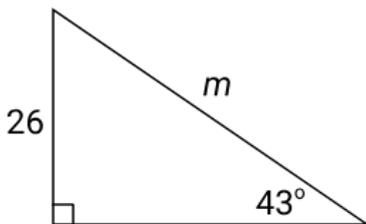


Q2



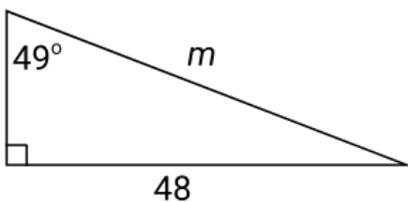
Q3

Find the value of  $m$ .  (1 d.p.)



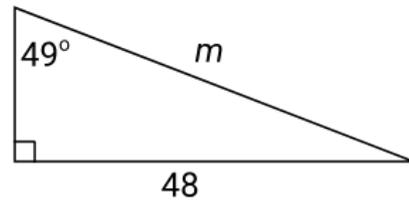
Q4

Find the value of  $m$ .  (1 d.p.)



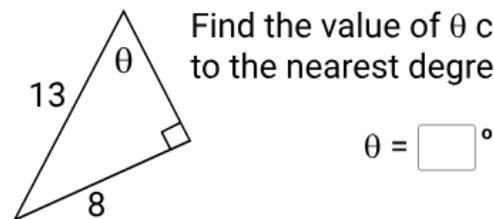
Q5

Find the value of  $m$ .  (1 d.p.)

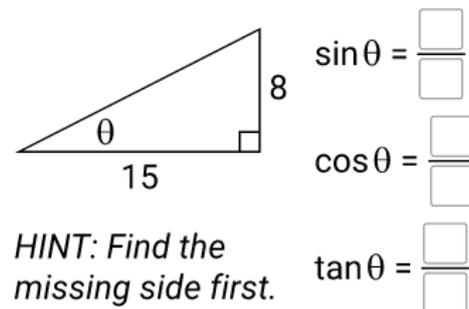


Q6

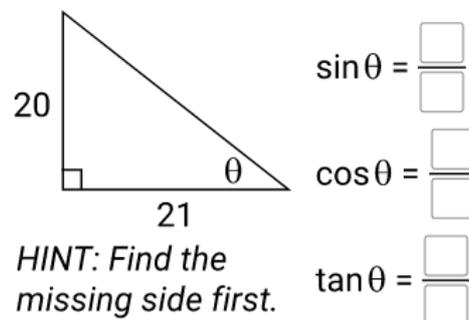
Find the value of  $\theta$  correct to the nearest degree.



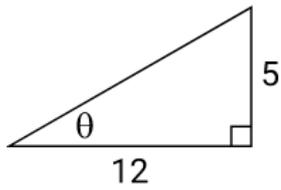
Q7



Q8



Q9



$$\sin \theta = \frac{\square}{\square}$$

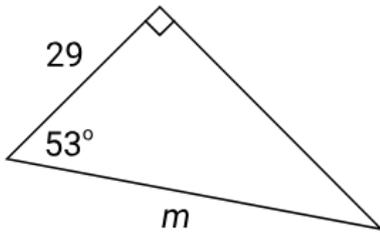
$$\cos \theta = \frac{\square}{\square}$$

$$\tan \theta = \frac{\square}{\square}$$

*HINT: Find the missing side first.*

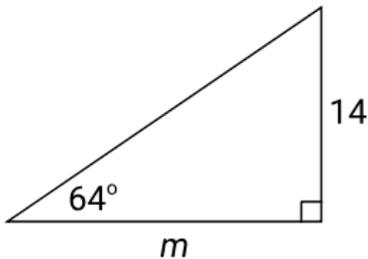
Q10

Find the value of  $m$ .  (1 d.p.)



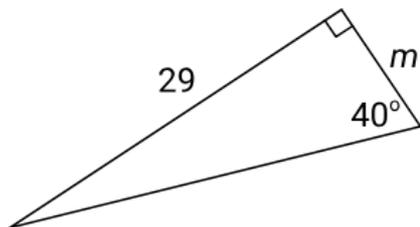
Q11

Find the value of  $m$ .  (1 d.p.)



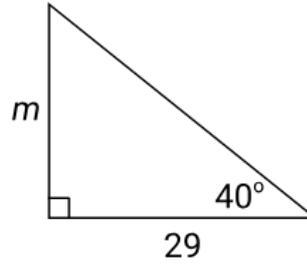
Q12

Find the value of  $m$ .  (1 d.p.)



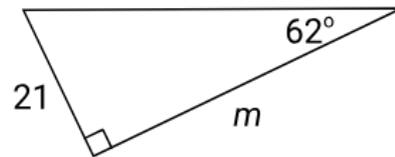
Q13

Find the value of  $m$ .  (1 d.p.)



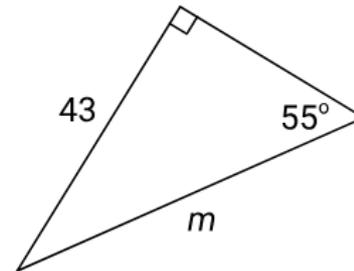
Q14

Find the value of  $m$ .  (1 d.p.)



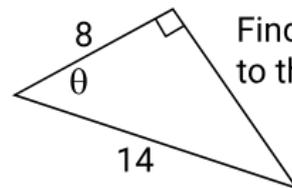
Q15

Find the value of  $m$ .  (1 d.p.)



Q16

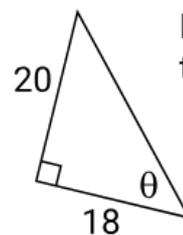
Find the value of  $\theta$  correct to the nearest degree.



$$\theta = \square^\circ$$

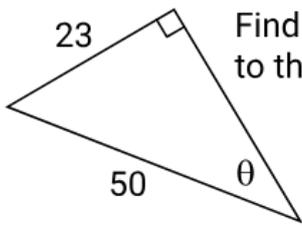
Q17

Find the value of  $\theta$  correct to the nearest degree.



$$\theta = \square^\circ$$

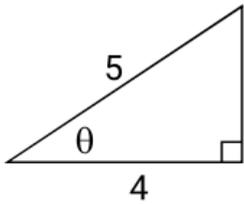
Q18



Find the value of  $\theta$  correct to the nearest degree.

$$\theta = \boxed{\phantom{00}}^\circ$$

Q19

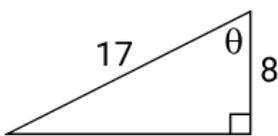


$$\sin \theta = \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}}$$

$$\cos \theta = \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}}$$

$$\tan \theta = \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}}$$

Q20

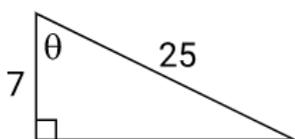


$$\sin \theta = \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}}$$

$$\cos \theta = \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}}$$

$$\tan \theta = \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}}$$

Q21



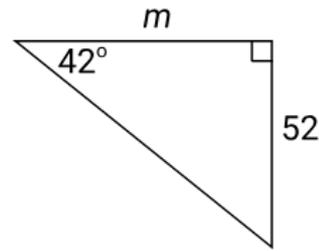
$$\sin \theta = \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}}$$

$$\cos \theta = \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}}$$

$$\tan \theta = \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}}$$

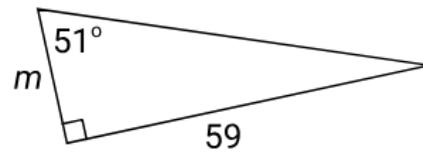
Q22

Find the value of  $m$ .  (1 d.p.)



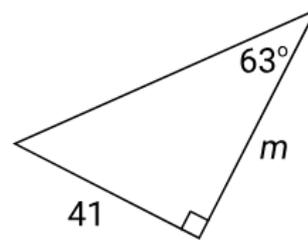
Q23

Find the value of  $m$ .  (1 d.p.)



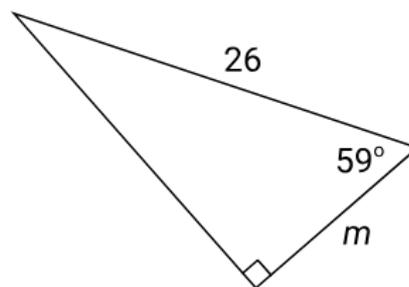
Q24

Find the value of  $m$ .  (1 d.p.)



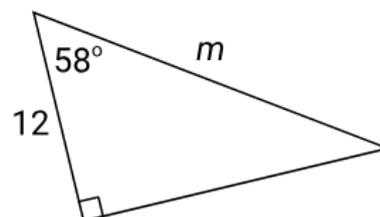
Q25

Find the value of  $m$ .  (1 d.p.)



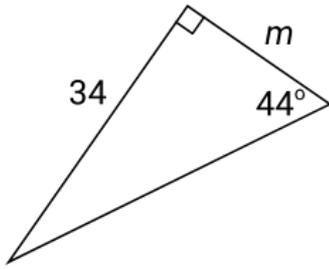
Q26

Find the value of  $m$ .  (1 d.p.)



Q27

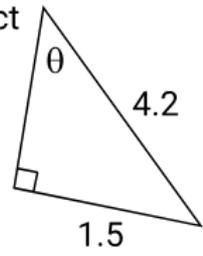
Find the value of  $m$ .  (1 d.p.)



Q29

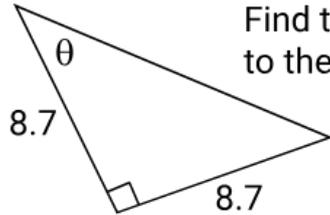
Find the value of  $\theta$  correct to the nearest degree.

$\theta = \text{}^\circ$



Q28

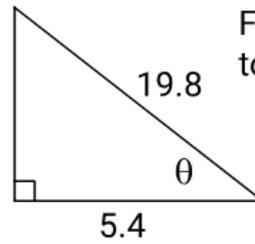
Find the value of  $\theta$  correct to the nearest degree.



$\theta = \text{}^\circ$

Q30

Find the value of  $\theta$  correct to the nearest degree.



$\theta = \text{}^\circ$