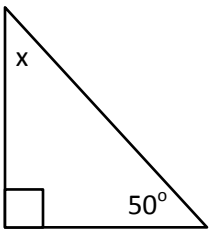
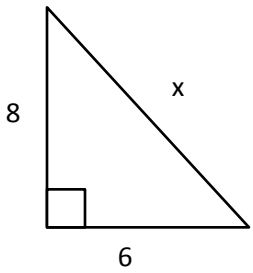
Trigonometry T1

Find the missing quantity:

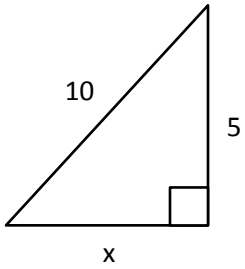
1.



2.

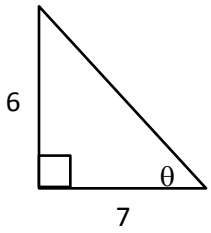


3.



Write the 6 trigonometric functions for the following triangles.

4.

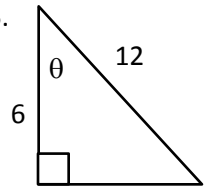


$\sin\theta =$ ____ $\csc\theta =$ ____

$\cos\theta =$ ____ $\sec\theta =$ ____

$\tan\theta =$ ____ $\cot\theta =$ ____

5.



$\sin\theta =$ ____ $\csc\theta =$ ____

$\cos\theta =$ ____ $\sec\theta =$ ____

$\tan\theta =$ ____ $\cot\theta =$ ____

Find the value of the following trig functions:

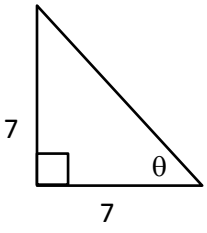
6. $\sin 49^\circ$

7. $\cos 32^\circ$

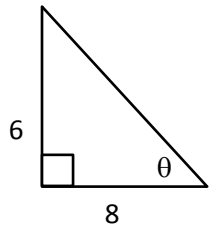
8. $\tan 12^\circ$

Match the triangles with the trig expressions that could relate to them.

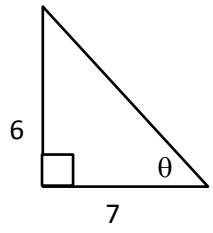
A.



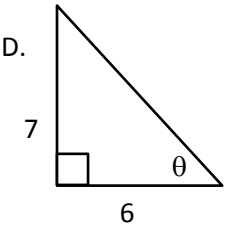
B.



C.



D.



10. $\tan 45.0^\circ$

11. $\tan 36.9^\circ$

12. $\tan 49.4^\circ$

13. $\tan 40.6^\circ$