

TRIGONOMETRY~Finding the angle



Name _____ Block _____ Date _____

1. SOLVE FOR θ .

a. $\sin \theta = .489$

c. $\tan \theta = .485$

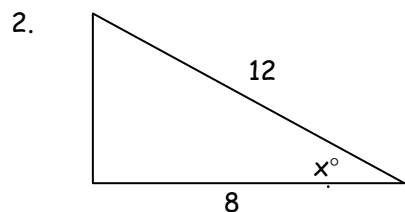
e. $\sin \theta = \frac{1}{2}$

b. $\tan \theta = \frac{1}{4}$

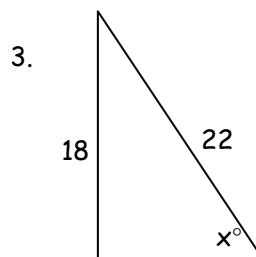
d. $\cos \theta = \frac{3}{4}$

f. $\cos \theta = .874$

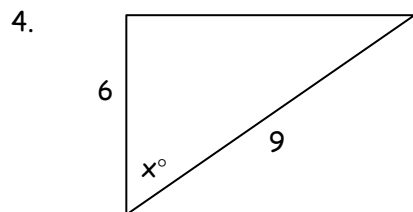
Find the value of θ using the appropriate trig ratio. Round answers to the nearest tenth.
SHOW ALL WORK!!!



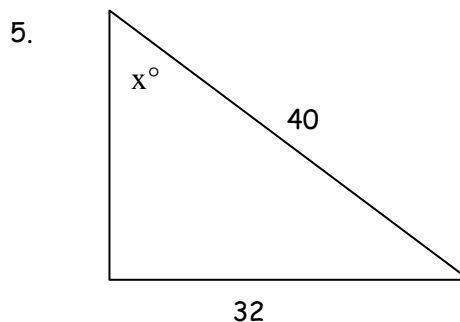
$x =$ _____



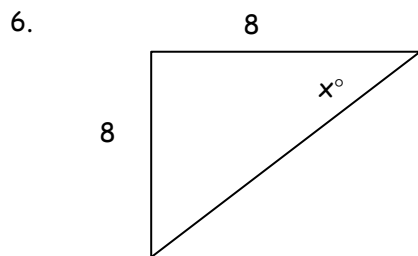
$x =$ _____



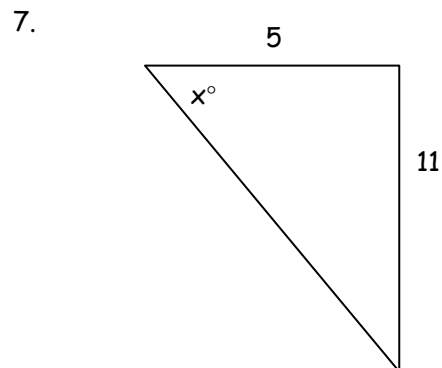
$x =$ _____



$x =$ _____

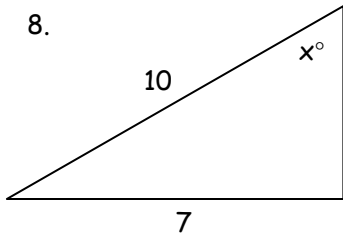


$x =$ _____



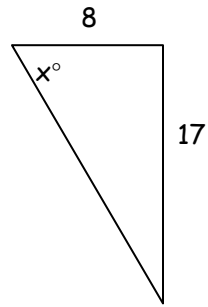
$x =$ _____

8.



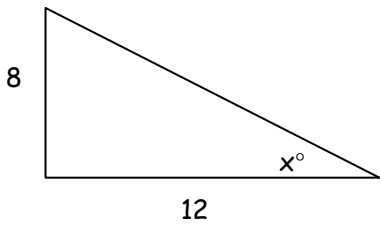
$x = \underline{\hspace{2cm}}$

9.



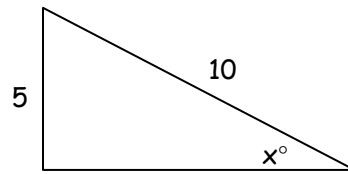
$x = \underline{\hspace{2cm}}$

10.



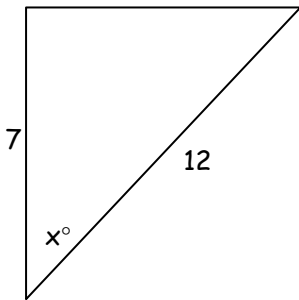
$x = \underline{\hspace{2cm}}$

11.



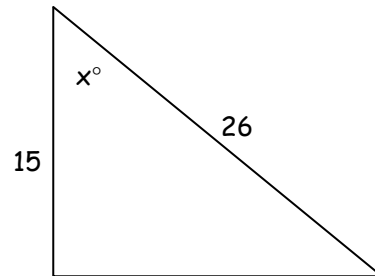
$x = \underline{\hspace{2cm}}$

12.



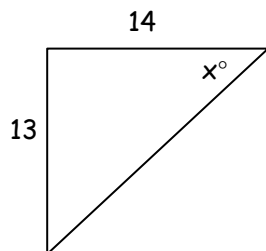
$x = \underline{\hspace{2cm}}$

13.



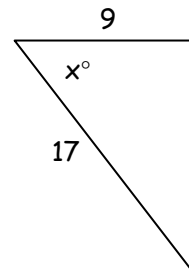
$x = \underline{\hspace{2cm}}$

14.



$x = \underline{\hspace{2cm}}$

15.



$x = \underline{\hspace{2cm}}$