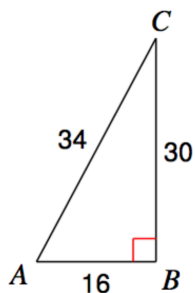


Name: _____ Hour: _____ Date: _____

Trig Ratios Practice

Write the given trig ratios for each of the following triangles. If necessary, simplify your results.

1)



$$\sin A =$$

$$\sin C =$$

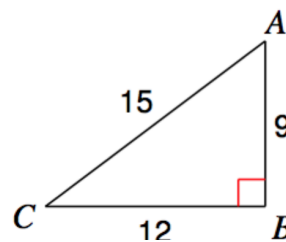
$$\cos A =$$

$$\cos C =$$

$$\tan A =$$

$$\tan C =$$

2)



$$\sin A =$$

$$\sin C =$$

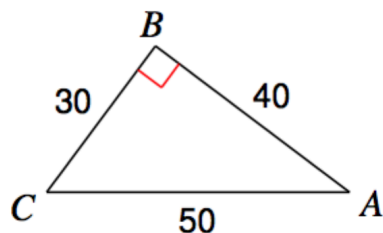
$$\cos A =$$

$$\cos C =$$

$$\tan A =$$

$$\tan C =$$

3)



$$\sin A =$$

$$\sin C =$$

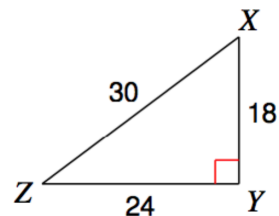
$$\cos A =$$

$$\cos C =$$

$$\tan A =$$

$$\tan C =$$

4)



$$\sin X =$$

$$\sin Z =$$

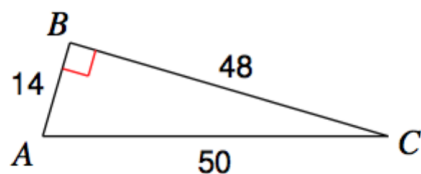
$$\cos X =$$

$$\cos Z =$$

$$\tan X =$$

$$\tan Z =$$

5)



$$\sin A =$$

$$\sin C =$$

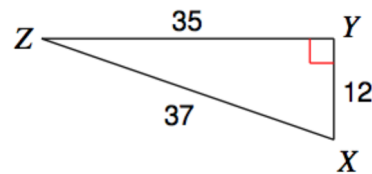
$$\cos A =$$

$$\cos C =$$

$$\tan A =$$

$$\tan C =$$

6)



$$\sin X =$$

$$\sin Z =$$

$$\cos X =$$

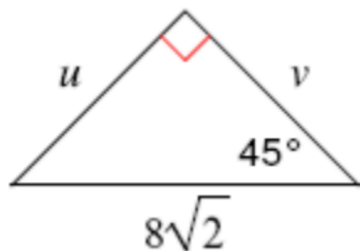
$$\cos Z =$$

$$\tan X =$$

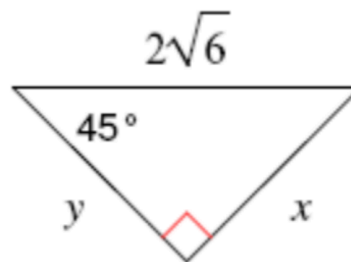
$$\tan Z =$$

DIRECTIONS: Find the missing values.

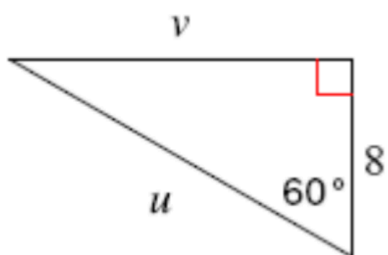
1.



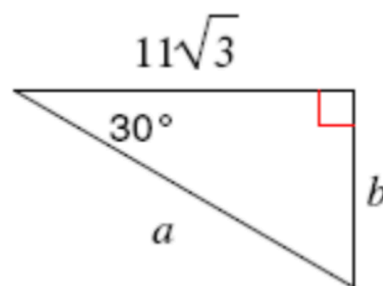
2.



3.



4.



DIRECTIONS: Convert the following degree measures into radian measures.

1. -300°

2. 150°

3. -90°

DIRECTIONS: Convert the following radian measures into degree measures.

7. 3π radians

8. $\frac{11\pi}{10}$ radians

9. $-\frac{2\pi}{3}$ radians