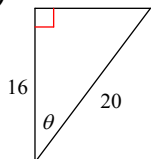


## Unit 6 Day 4 Warm Up

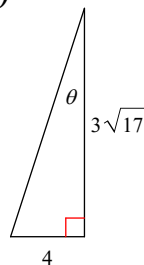
Date \_\_\_\_\_ Period \_\_\_\_\_

**Find the value of the trig function indicated.**

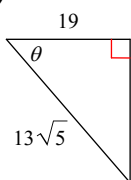
1)  $\sec \theta$



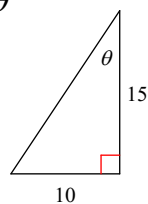
2)  $\sin \theta$



3)  $\sin \theta$



4)  $\cos \theta$



5) Find  $\cot \theta$  if  $\sec \theta = \frac{5}{4}$

6) Find  $\tan \theta$  if  $\cos \theta = \frac{3}{5}$

7) Find  $\cos \theta$  if  $\sec \theta = \frac{5}{4}$

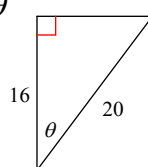
8) Find  $\csc \theta$  if  $\sec \theta = \frac{25}{7}$

## Unit 6 Day 4 Warm Up

Date \_\_\_\_\_ Period \_\_\_\_\_

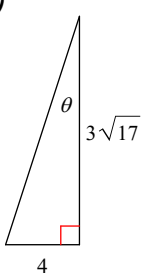
**Find the value of the trig function indicated.**

1)  $\sec \theta$   $\frac{5}{4}$



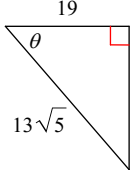
A right-angled triangle with a right angle at the top vertex. The vertical leg on the left is labeled 16. The hypotenuse is labeled 20. The angle  $\theta$  is at the bottom-left vertex.

2)  $\sin \theta$   $\frac{4}{13}$



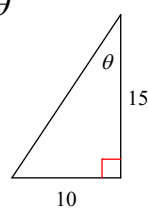
A right-angled triangle with a right angle at the bottom-right vertex. The vertical leg on the right is labeled  $3\sqrt{17}$ . The horizontal leg at the bottom is labeled 4. The angle  $\theta$  is at the top vertex.

3)  $\sin \theta$   $\frac{22\sqrt{5}}{65}$



A right-angled triangle with a right angle at the top-right vertex. The horizontal leg at the top is labeled 19. The hypotenuse is labeled  $13\sqrt{5}$ . The angle  $\theta$  is at the top-left vertex.

4)  $\cos \theta$   $\frac{3\sqrt{13}}{13}$



A right-angled triangle with a right angle at the bottom-right vertex. The vertical leg on the right is labeled 15. The horizontal leg at the bottom is labeled 10. The angle  $\theta$  is at the top vertex.

5) Find  $\cot \theta$  if  $\sec \theta = \frac{5}{4}$   $\frac{4}{3}$

6) Find  $\tan \theta$  if  $\cos \theta = \frac{3}{5}$   $\frac{4}{3}$

7) Find  $\cos \theta$  if  $\sec \theta = \frac{5}{4}$   $\frac{4}{5}$

8) Find  $\csc \theta$  if  $\sec \theta = \frac{25}{7}$   $\frac{25}{24}$