Name: \_\_\_\_\_

## Bellwork #2

Find the unit vector for each of the following.

1) 
$$v = (3, -7)$$
 2)  $v = (-4, 2)$ 

Find the angle between the two vectors.

3) v = 3i + 7j and w = -6i + 2j4) v = -4i - 11j and w = 5i + 4j

Determine whether or not  $\overrightarrow{RS}$  and  $\overrightarrow{ST}$  are equivalent vectors.

5) R = (-3,8), S = (-6,2), T = (-9,-4)6) R = (0,5), S = (-2,11), T = (0,17)