Missing Coordinates

Use the slope formula to find the missing coordinate.

1) (4, c) and (9, 7);

   Slope = $\dfrac{4}{5}$

2) (0, 2) and (d, 5);

   Slope = $-\dfrac{3}{2}$

3)

5)

t = _____

q = _____

7) (2, 3) and (s, 0);

   Slope = $-\dfrac{3}{4}$

8) (−6, 0) and (1, b);

   Slope = $\dfrac{8}{7}$

s = _____

b = _____