No calculators, cell phones, computers, notes, etc.

Circle your answer. Make your work correct, complete and coherent.

The quiz is worth 5 points. The solutions will be posted on my website later today.

Quiz 2, September 7, 2017, 11:40 class

Find the area of the parallelogram whose vertices are A = (1,0), B = (0,1), C = (-1,0), and D = (0,-1).

area =
$$|AB \times AD| = |(-t+3) \times (-t-3)|$$

= $|t+3| \times (-t-3)|$
= $|t+3| \times (-t-3)|$
= $|t+3| \times (-t-3)|$

Notice that the picture really is a parallelogram because
$$\overrightarrow{DC} = \overrightarrow{AB}$$
 and $\overrightarrow{BC} = \overrightarrow{AD}$