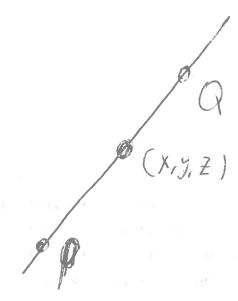
No calculators, cell phones, computers, notes, etc.

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 4, September 11, 2019

Find parametric equations for the line through P = (-2,0,3) and Q = (3,5,-2).



If
$$(x_1,y_1,z_1)$$
 is on the line then

$$\overline{P(x_1,y_1,z_1)} = \pm \overline{PQ} \quad \text{Bowsome } t$$

$$(x_1,y_1,z_1) = \pm (\overline{s_1} + \overline{s_2} - \overline{s_1})$$

$$(x_1,y_1,z_1) = \pm (\overline{s_1} + \overline{s$$

when
$$t=0$$
 flappint is $(-2,0,3)$, which isp
when $t=1$, the foint is
 $(3,5,-2)=Q$