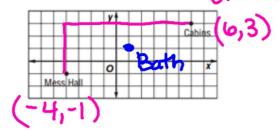
10.12.15

Monday:

their new campground by first mapping everything on coordinate grid They? have found a location for the mess half and for their cabins. They want the bathrooms to be halfway between these two. What will be the coordinates of the location of the bathrooms?



What formula do we use to solve the problem to the left?

How do you know?

We use the Midport formula because...

halfway (middle point) between the cabins and between the mess ha

2. What are the coordinates of the mess hall Coordinates of the cabins

3. Solve for the coordinates 2 the 2throoms. Show all work.

$$M = \begin{pmatrix} x_1 + x_2 \\ 2 \end{pmatrix}, \frac{y_1 + y_2}{2} \end{pmatrix}$$

$$M = \begin{pmatrix} -4 + 6 \\ 2 \end{pmatrix}, -\frac{1 + 3}{2} \end{pmatrix}$$

$$M = \begin{pmatrix} 2 \\ 2 \end{pmatrix}, \frac{2}{2} \end{pmatrix}$$

$$M = \begin{pmatrix} 1 \\ 1 \end{pmatrix}$$