

Key

Math 118 - Dr. Miller - Quiz #11: Coordinate Geometry - Due Wednesday, 04/02/14

Show START-MOVE-END work to solve the following problems from recent HW, as well as FIRST giving other information as instructed below. You need not draw your coordinate planes - I will grade only your work.

1.5 (1) HW #19: #4c - first describe the right triangle between X and Y (such as "1 by 3")

It's a 100 by 60. $\frac{7}{10} \leftarrow 70 \downarrow 42$

Start @ Y (90, 72)

Move $\leftarrow 70 \downarrow 42$

End @ (20, 30)

1.5 (2) HW #19: #5c - first describe the right triangle between X and M (such as "1 by 3")

Start @ (-1, 0) ($\frac{1}{3}$ of the way)

Move $\leftarrow 5 \downarrow 7$ (another "3")

$\leftarrow 5 \downarrow 7$ (last "3")

End @ (-11, -14)

$\leftarrow 5 \downarrow 7$

2 (4) HW #21: #10 - first describe the slope for X and Y

slope of XY is $\rightarrow 4 \uparrow 4$

$\leftarrow 4 \downarrow 4$

or $\frac{4}{4} = 1$

Start @ Z = (0, -2)

Move $\rightarrow 2 \uparrow 2$

End @ (2, 0)

or

Start @ Z = (0, -2)

Move $\leftarrow 2 \downarrow 2$

End @ (-2, -4)