Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ HW #15 – Graphing

1. $y=-\frac{2}{3}x-3$

Find the value of y when x = 6

2. $y=3x+2$

Find the value of y when x = -3

3. $y=-2x+5$

Find the value of y when x = 8

*Label the x and y axis. Graph the following lines.*

*EXTEND edge to edge of graph paper.*



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*Write the equation of the following lines.*

4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Find the value of y when x = 15

5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Find the value of y when x = -4

6 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Find the value of y when x = 6

*Make sure the slope is in the simplest form*.

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Find the value of y when x = 6

*Write the equations of the following lines.*

*Make sure the slope is in the simplest form.*

**