Homework #46

Name:_____

Teacher: Mr. Tomeo

Finding the Slope Between Two Points

- **The slope between two points** (x_1, y_1) **and** (x_2, y_2) **is given by** $m = \dfrac{y_2 - y_1}{x_2 - x_1}$.

For each of the following questions find the *slope* between the two given points. You may write your answer as a fraction but please be sure to simplify.

1. $(4,5)\,and\,(2,-5)$

8. $(3,-20)\,and\,(5,8)$

2. $(0,8)\,and\,(-1,10)$

9. $(1,2)\,and\,(2,6)$

3. $(10,17)\,and\,(7,8)$

10. $(17,-13)\,and\,(17,-8)$

4. $(-2,-3)\,and\,(5,-3)$

11. $(1,-19)\,and\,(-2,-7)$

5. $(2,5)\,and\,(-2,-3)$

12. $(19,-2)\,and\,(-11,10)$

6. $(5,5)\,and\,(4,2)$

13. $(-3,-5)\,and\,(3,-15)$

7. $(6,-12)\,and\,(15,-3)$

14. $(9,3)\,and\,(19,-17)$