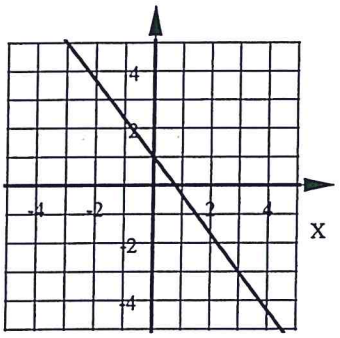
Algebra 1 6th Bellwork Tuesday, January 12, 2016

Find the slope of the line containing each pair of points. Reduce fractional answers.

1. $(-9,18)\&(6,-2)$ 2. $(-7,-4)\&(15,-4)$ 3. $(8,-11)\&(8,5)$

4. Find the slope of the line shown in this graph.



5. Below is a chart showing how much a plumber would charge to come out and work on your leak. What does the plumber charge per hour for labor?

# hour	$ total charge
1	99
3	147
7	243
13	387

Algebra 1 6th Bellwork Tuesday, January 12, 2016 Answers

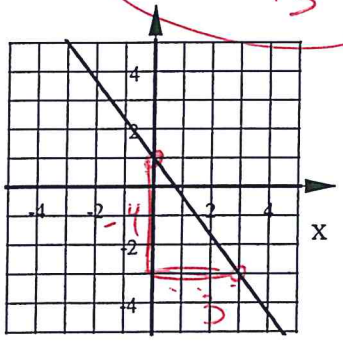
Find the slope of the line containing each pair of points. Reduce fractional answers.

1. $(-9,18)\&(6,-2)$ 2. $(-7,-4)\&(15,-4)$ 3. $(8,-11)\&(8,5)$

$\frac{18--2}{-9-6} = \frac{20}{-15} = -\frac{4}{3}$ $\frac{-4--4}{15--7} = \frac{0}{22} = 0$ undefined $\frac{5--11}{8-8} = \frac{16}{0}$

4. Find the slope of the line shown in this graph.

$m = -4/3$



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# hour	$ total charge
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$3-1 = 2$ $147-99 = 48$

$\frac{\$48}{2\text{ hrs}} = \$24/\text{hour}$