

Math 8 - Algebra 2

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Straight Line - Basic Ideas

Oct 15, 2014

Name: _____ Score: _____ of 0 points. Percent: _____ Grade: _____

(0 pts) 1. What is the slope of a line through points $(-4, 3)$ and $(-2, 5)$.

(0 pts) 2. Write the equation of the line that passes through points $(1, 2)$ and $(3, 5)$. Answer in standard form.

3. For the line $\ell_1 : y = -\frac{5}{2}x - 10$,

(0 pts) (a) What is the slope of the line ℓ_1 ?

(0 pts) (b) At what point does the line ℓ_1 intersect the y-axis?

(0 pts) (c) At what point does the line ℓ_1 intersect the x-axis?

Note:

- Until you can quickly and correctly answer questions such as these, you will probably not score above 70% on an exam covering the straight line.
- Since there will be more material on the exam than is covered here, answering these questions quickly and correctly does not guarantee you will get a high score on the exam.

