SLOPE

INT. ALG. APPEARANCES: fall0716ia, 060820ia, 080823ia, 010913ia, 080915ia
multiple choice
MATH A APPEARANCES: 060834a 2-pointer
069918a, 060012a, 010115a, 080417a, 060618a
multiple choice

	REGENTS QUESTIONS	SOLUTIONS
1	**080417a** If the value of dependent variable y increases as the value of independent variable x increases, the graph of this relationship could be a (1) horizontal line (2) vertical line (3) line with a negative slope (4) line with a positive slope	(4)
2	**080823ia** In a linear equation, the independent variable increases at a constant rate while the dependent variable decreases at a constant rate. The slope of this line is (1) zero (3) positive (2) negative (4) undefined	(2)
3	**060618a** If a line is horizontal, its slope is (1) 1 (3) undefined (2) 0 (4) negative	(2)
4	**010913ia** What is the slope of the line that passes through the points (2,5) and (7,3)? (1) $-\frac{5}{2}$ (3) $\frac{8}{9}$ (2) $-\frac{2}{5}$ (4) $\frac{9}{8}$	(2) $m = \frac{y_2 - y_1}{x_2 - x_1}$ $= \frac{5-3}{2-7}$ $= -\frac{2}{5}$
5	**060820ia** What is the slope of the line that passes through the points (-6,1) and (4,-4)?	(3)