3A. Writing Linear Equations pages 11-12

MRS. WILSON

3. Algebra 1: Writing Linear Equations

Study Guide and Assignment



No.	Study Guide	Assignment
1	Write the equation that has a slope of -1 and a y – intercept of 4. $\begin{array}{c} y = -1x + y \\ \overline{y} = -x + y \end{array}$	Write the equation that has a y –intercept of 0 and a slope of 4/3. $\frac{1}{\sqrt{1-\frac{1}{3}}}$
2	Write the equation of the line that runs through the point (-2,5) and has a slope of -3 y=MX+b 5=-3(-2)+b 5=-6+b -b=-6 -1=b	Write the equation of the line that has a slope of 2 and contains the point $(1, -2)$. $y = M \times H b$ -2 = 2(1) + b -2 = 2 + b 2 - 2 -4 = b
3	Write the equation of the line in Slope – Intercept form that contains the points $(3, -7)$ and $(13, -3)$ M = -3 + 7 - 4/2 = -4/2 = -4/5 $y = mx + 6$ $-7 = 3((3) + 6 = -41 = 6$	Write the equation of the line in Slope – Intercept form that contains the points $(-3,1)$ and $(3,9)$. $M = 9 - 1 = 8 = 19/3$ $y = m \times + 6$ $9 = 4(3) + 6 \qquad (4 = 1)/2 \times + 5$
sday, Ap	(5) - 7 = 0 + 5 (5) - 7 = 0 + 5 -35 = 5 + 5	$ \begin{array}{c} $

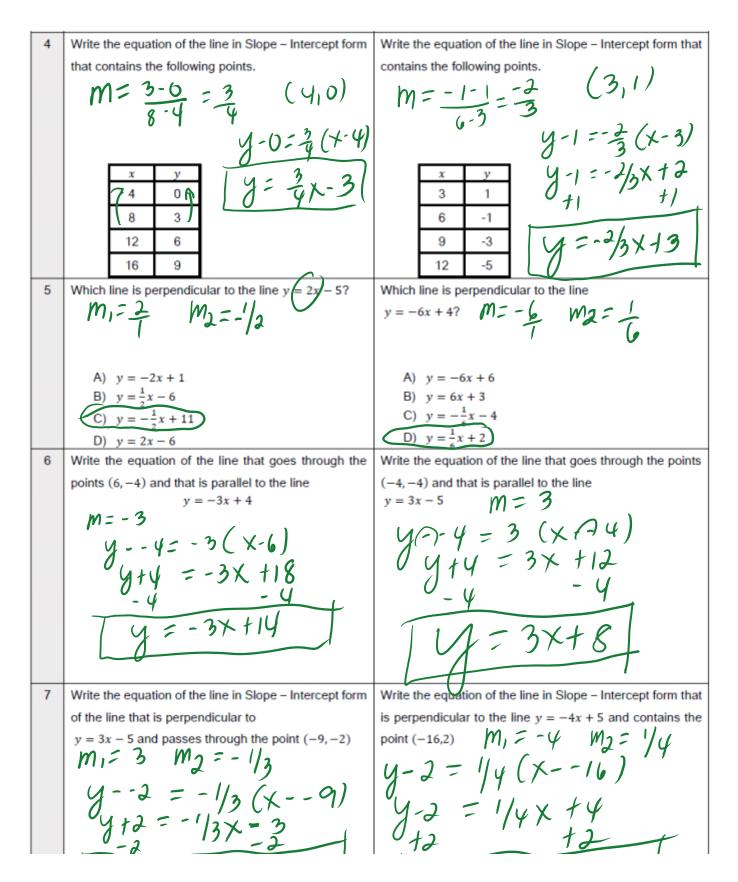
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Algebra 1



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0y+2 = -1/3 -2 • -1-2 12 1/4× 14 0 7 10 5 -1 Delano High School Page 12 Algebra 1