

Daily Agenda

Learning Target: I can write equations of lines.

<p>Homework</p> <p>Mathography Who I Am Parent Homework</p>	<p>Assessments</p> <p>Mini Quiz 9/2 Unit 1 Test on 9/11</p>
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Try to be a rainbow in someone's cloud

-Maya Angelou

Nov 15-8:24 PM



Aug 31-10:53 AM

1.2 Equations of Lines

Parallel Lines

same slope
different y-intercept

Perpendicular Lines

slope is opposite reciprocal

Aug 31-10:35 PM

Write the equation of the line through (2,5) and (6,11)

$$m = \frac{11-5}{6-2} = \frac{6}{4} = \frac{3}{2}$$

$$y - 5 = \frac{3}{2}(x - 2)$$

$$y = \frac{3}{2}x + 2$$

Sep 1-8:18 AM

Write the equation of the line parallel to $3x+4y=7$ and through $(-1,4)$

$$\frac{4y}{4} = \frac{-3x+7}{4 \cdot 4}$$

$$y = \frac{-3}{4}x + \frac{7}{4}$$

$$y - 4 = \frac{-3}{4}(x + 1)$$

Sep 1-8:18 AM

Write the equation of the line perpendicular to $y=4x+2$ and through $(8,6)$

$$m_{\perp} = \frac{-1}{4}$$

$$y - 6 = \frac{-1}{4}(x - 8)$$

Sep 1-8:18 AM

Write the equation of the vertical line that contains (-5, 14)

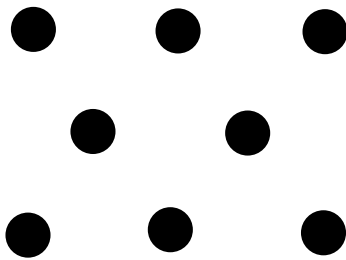
$$x = -5$$

Sep 1-8:18 AM

Number Talks

- Place your fist on your chest
- When you have an answer, put your thumb up
- No pencils or calculators; all mental math
- We will discuss answers and solutions

Aug 30-8:24 AM



Aug 30-4:33 PM

192 $16 \cdot 12$

$(10+6)12$

Shannon
 $12 \cdot 10 + 12 \cdot 6$
 $120 + 72$
 192

Dan
 $16(10+2)$
 $16 \cdot 10 + 2 \cdot 16$
 $160 + 32$
 192

Dylan
 $(12+4)12$
 $12 \cdot 12 + 12 \cdot 4$
 $144 + 48$
 192

Sheetal
 $12 \cdot 6 + 12 \cdot 1$
 $72 + 12 + 7$

$\begin{array}{r} 7 \\ 16 \\ \hline 12 \\ \hline 192 \end{array}$

Aug 31-11:26 AM