

Russell County Schools Non-Traditional Instructional Expectations

Day: 9

School: RCHS

Course/Subject: Algebra I

Teacher: Pam Wilson

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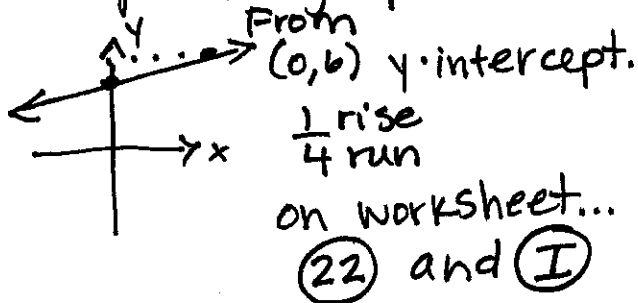
Class Blog: pamwilson.wordpress.com

Learning Target: Students graph equations of lines.
CCSS F.1F.7

Lesson Expectations: Possible steps...

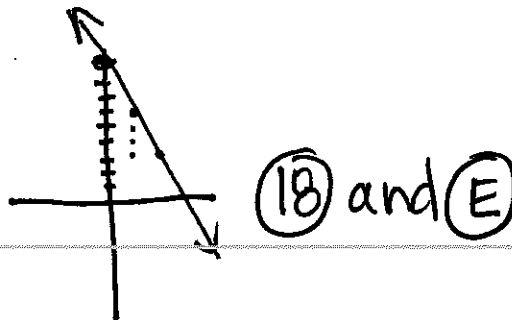
Use y-intercept and slope to graph lines.

ex: $y = \frac{1}{4}x + 6$



ex: $y = -3x + 9$

From $(0, 9)$
y-intercept,
Rise -3 down
RUN 1 right



ex: $y = 6$ horizontal line through $(0, b)$.
(2) and (0)

For Alternate Assignment Options:

Visualpatterns.org

Which One Doesn't Belong Website: wodb.ca

Estimation180.com

Desmos.com

For Supplemental Resources/Support: pamwilson.wordpress.com

For Teacher Support: pam.wilson@russell.kyschools.us

***Reminder: Assignments are due back to teachers within 2 school days.**

Slope-Y Intercept Form for graphing

WHY DO ELEPHANTS HAVE POINTY TAILS?

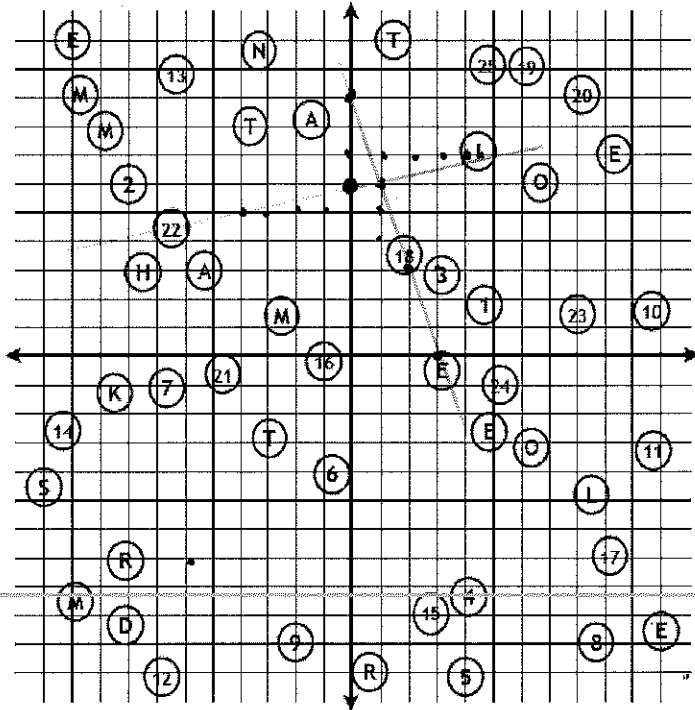
GRAPH A LINE FOR EACH EQUATION. EACH LINE WILL PASS THROUGH A NUMBER AND A LETTER. PUT THE LETTER IN THE CORRESPONDING BOX TO ANSWER THE QUESTION.

NAME _____

DATE _____

PERIOD _____

- | | | |
|-------------------------|-------------------------|------------------------|
| $y = \frac{1}{4}x + 6$ | $y = -\frac{4}{5}x + 3$ | $y = \frac{1}{4}x - 6$ |
| $y = -\frac{1}{3}x - 2$ | $y = -\frac{4}{5}x + 8$ | $y = \frac{1}{4}x + 2$ |
| $y = -3x - 9$ | $y = -\frac{1}{3}x + 5$ | $y = \frac{3}{5}x + 6$ |
| $y = -\frac{4}{5}x - 8$ | $y = \frac{3}{2}x + 9$ | $y = \frac{1}{4}x - 4$ |
| $y = \frac{3}{2}x - 7$ | $y = -3x + 4$ | $y = -3x - 3$ |
| $y = \frac{3}{5}x - 1$ | $y = -\frac{4}{5}x - 3$ | $y = \frac{3}{2}x + 3$ |
| $y = -\frac{1}{3}x - 8$ | $y = -3x + 9$ | $y = 9$ |
| $y = -\frac{1}{3}x - 6$ | $y = \frac{3}{5}x - 7$ | $y = 6$ |
| | | $y = -7$ |



1	2	3	4	5	6	7	8	9	10	11	12	13	14	
15	16	17	18	19	20	21	22	23	24	25				

