I. Algebraic Properties

Commutative aa

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Summer Review (Intensified Geometry

IX. Functions

Tutorial: http://bit.ly/2H8tdo6

Determine whether each relation is a function. Write yes or no.

1) 2) 3)

State the domain and range of each relation. Then, determine if each relation is a function.

1) $\{(2, \ 3), (2, 4), (2, \ 1)\}$ 2) $(2, 6), \ (6, 2)$ 3)

XI. Solving Inequalities

Tutorials: Linear Inequalities: http://bit.ly/2vPI7ui
Compound Inequalities: http://bit.ly/2LuMi9r

Solve and graph each inequality.

1) $8x \quad 6 \quad 10$

2) $16 \quad 8x \quad 0$

3) $9x \quad 11 \quad 6x \quad 9$

XII. Linear Equations in Two Variables

- Slope Formula:

- Graph by putting equations in $y = mx + b$ form or by finding intercepts.
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Find the x and y intercepts of each line.

1) $10x \quad 4y \quad 20$

2) $y \quad 2x \quad 3$

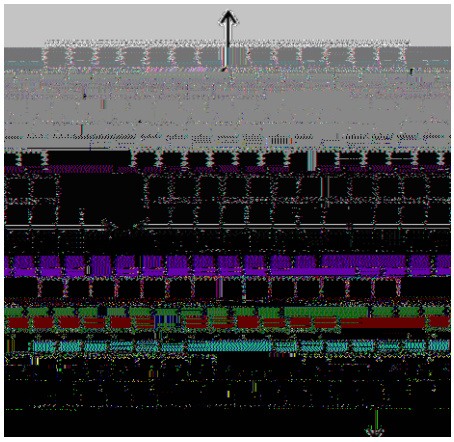
3) $x \quad 3$

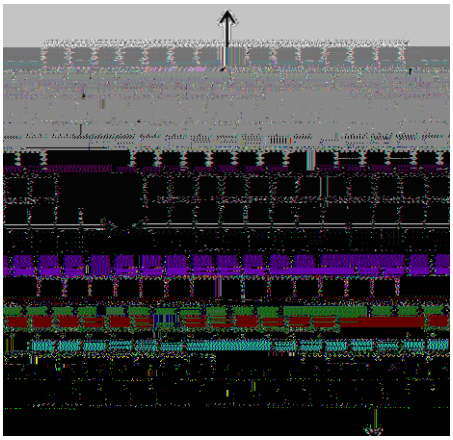
Graph each line.

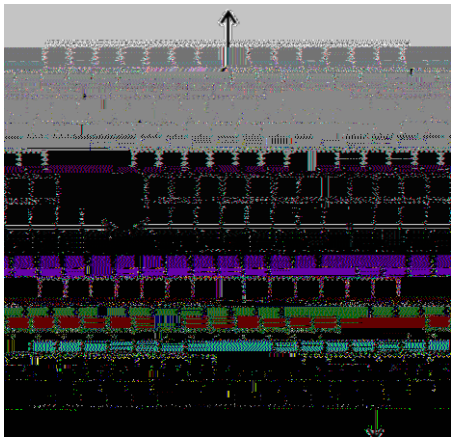
1) $y \quad \frac{1}{5}x \quad 5$

2) $y \quad \frac{3}{2}x \quad 5$

3) $4x \quad y \quad 2$



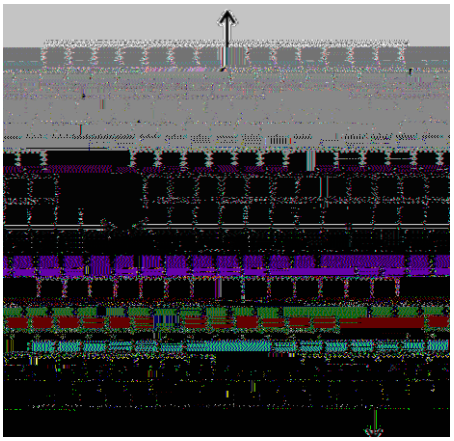


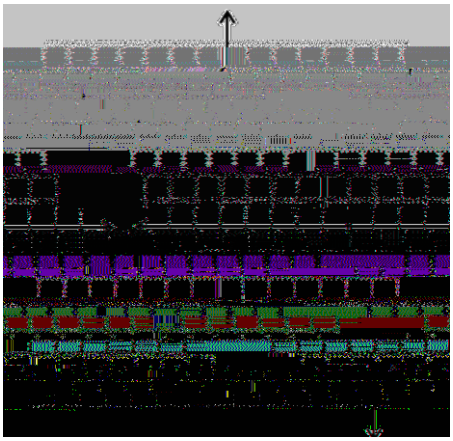


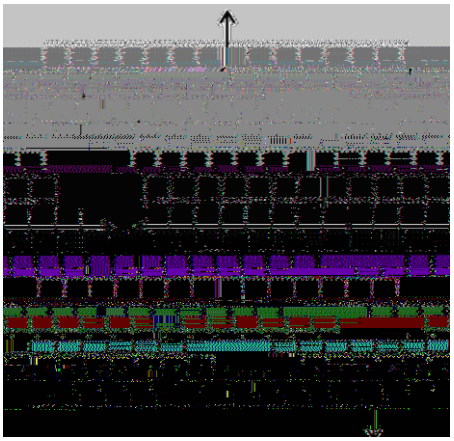
4) $3x \quad 8y \quad 24 \quad 0$

5) $y \quad 3x$

6) $3y \quad 12$







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