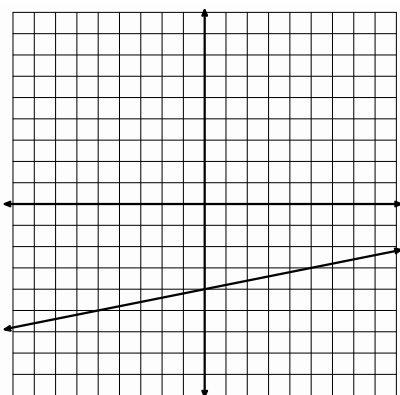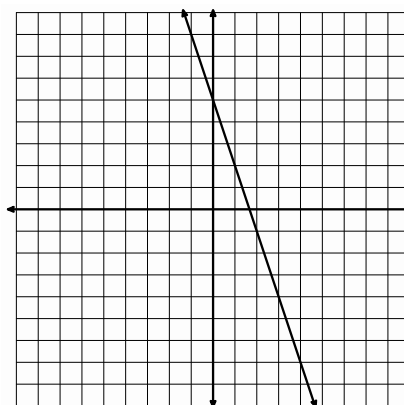| READY, SET, GO! | Name | Period | Date |

READY

Topic: Graphing two variable inequalities.

For each inequality and graph, pick a point and use it to determine which half-plane should be shaded; then shade the correct half-plane.
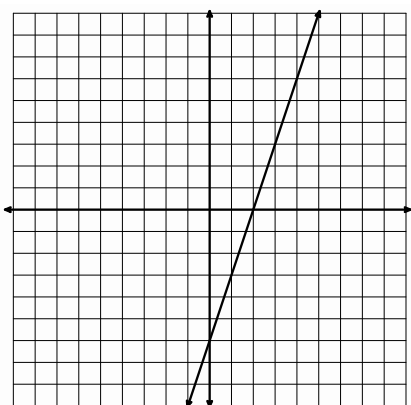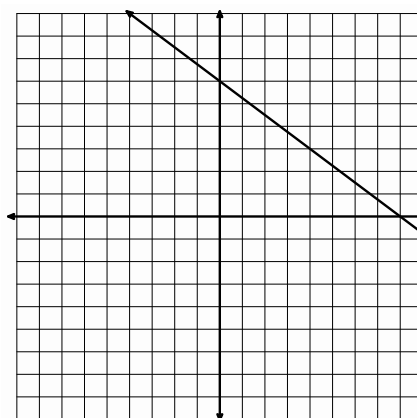
1. $y \leq \frac{1}{5}x - 4$

2. $y \geq -3x + 5$

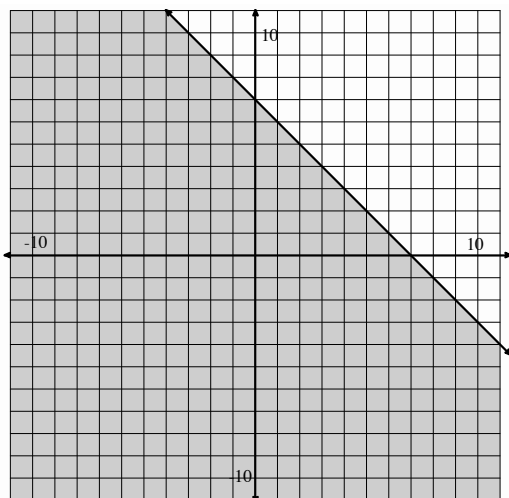3. $5x - 2y \leq 10$

4. $3x + 4y \geq 24$

mathematics
vision project

SET
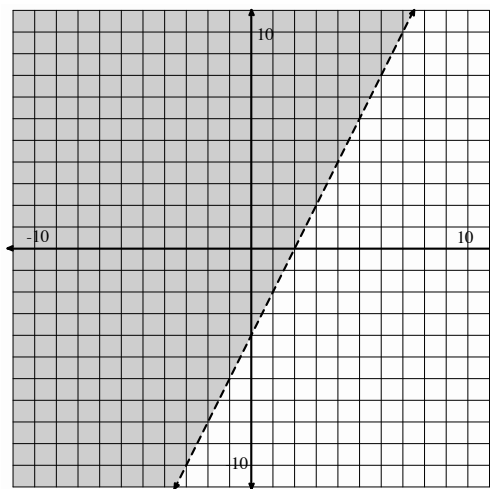
Topic: Writing two variable inequalities

Use the graph to write the inequality that represents the shaded region.
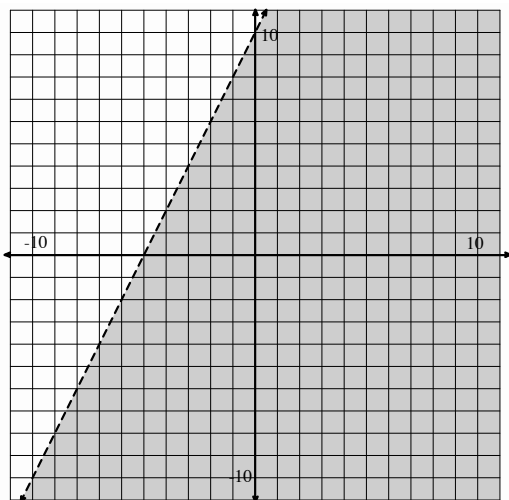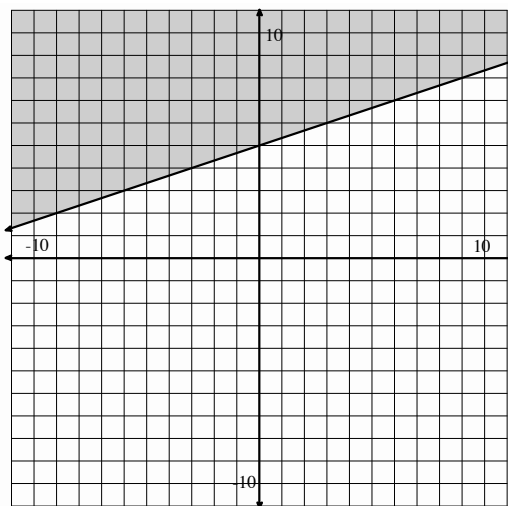
5.

6.

7.

8.

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GO

Topic: Proportional relationships

For each proportional relationship below, one representation is provided. Create the remaining representations and explain any connections you notice between representations.

9. **Equation**:

Graph

Table

Days	Cost
1	8
2	16
3	24
4	32

Create a context

10. **Equation**:

Graph

Table

Create a context

Claire earns $9 per week allowance.
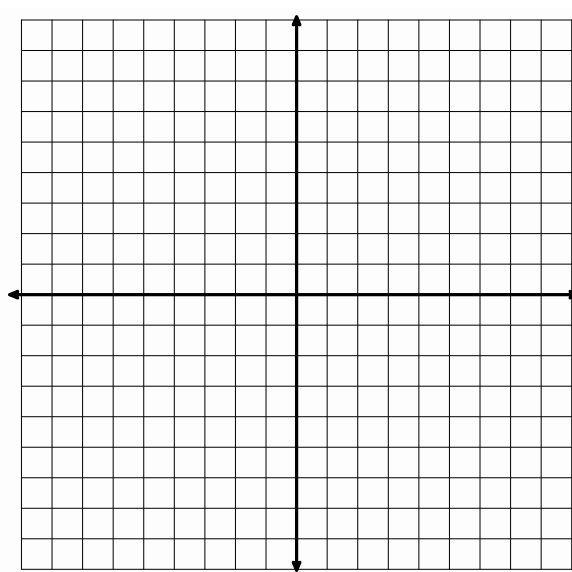
11. **Equation**: $y = 3x$

Graph

Table

Create a Context

12. **Equation**:

Graph

Table

Seconds	Sand

Create a Context