

# TRIPLES ACTIVITY

22



19

Solve:

$$-9x > 27$$

14

Solve:

$$8 \leq \frac{x}{6}$$

Solve:

$$x - 15 < -18$$

2

Solve:

$$x + (-9) \geq 39$$

# One-Step INEQUALITIES

Created by: ALL THINGS ALGEBRA®

# ONE-STEP INEQUALITIES

## *triples activity*

**Objective:** Students will practice solving one-step inequalities and recognizing their graphs with this "Triples Activity". **This version includes positive and negative integer operations.** For a version with positive integer operations only, [click here](#).

**Description:** There are 30 total cards. Once matched, there will be 10 sets of three cards, each with the same answer. One card is an addition/subtraction problem, one card is a multiplication/division problem, and one card is the graph.

### Ways to use this activity:

(1) I recommend that students work in groups of 2-4 for this activity. Print the cards and distribute to each group. They cut the cards out and divide them between group members so each person is responsible for certain cards. They can use loose-leaf notebook paper to show their work or write on the back of the card. Once all cards are solved, they match all the "triples" together. The triples are the cards with the matching answers.

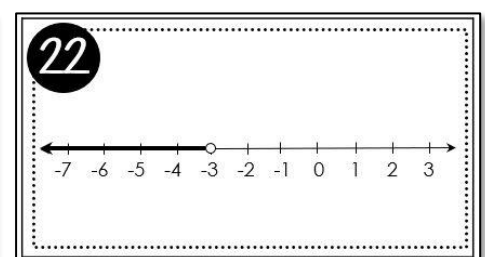
I have my students staple their triples together and place in a zip-lock bag for a grade. Simply write their names on the bag with a sharpie. I provided a simple answer key for you to use to ensure they are matched together correctly.

(2) Use the activity as a means of grouping students! Give each student one card. Students must look for the two people in the room with a card with the same answer.

**SAMPLE TRIPLES:** Each row of three cards below share an answer.

1 Solve:  
 $x - 15 < -18$

19 Solve:  
 $-9x > 27$



2 Solve:  
 $x + (-9) \geq 39$

14 Solve:  
 $8 \leq \frac{x}{6}$

