

Inequalities on the Number Line Demos Activity

Description

In this activity, students explore linear inequalities and make connections among multiple representations (including algebraic expressions, verbal statements, number line graphs, and solution sets).

Prep Work

Review the teacher guide for this activity.

Start a session of the activity.

<https://teacher.desmos.com/activitybuilder/custom/57d9fdc6ebf48f73093807b2>

Instructions

- **Pre Activity**

Have students go to student.desmos.com and create an account or sign in.

- **Activity**

Have each student work through the activity. Be aware some students may get stuck on some screens so move around and answer questions as needed.

- **Post Activity**

Review a few of the screens with the class using the teacher login.

Time Required

30-45 minutes
