

## Solving Applications Using Systems of Equations Desmos Activity

### Description

Use this lesson on Desmos to have your students practice defining variables and writing the system of equations from applications problems.

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### Prep Work

Start a session of the activity.

<https://teacher.desmos.com/activitybuilder/custom/56c493ba57960e2106428a04>

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### Instructions

- **Pre Activity**

Have students go to [student.desmos.com](https://student.desmos.com) and create an account or sign in.

- **Activity**

Have each student answer the question on screen 1.

Show the answers on the board using the teachers side and discuss different definitions of variables.

Have students correct their definitions from screen 1 and then answer the question on slide 2.

Again show answers and discuss different versions and have student correct their answers.

Repeat for remaining slides.

- **Post Activity**

None

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### Time Required

45 minutes

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