

Quadratic Equation Sort

Description

This activity gives student cards that have quadratic and cubic equations of several types that they can sort however they choose or how you direct them to. The focus is on what solving tool they would choose to use for each equation. Student answers will vary but they should have a reason for their choices.

Prep Work

Print out a set of cards for each group of students. Two students per group.

Instructions

○ Pre Activity

None

○ Activity

Give each group a set of cards.

Have the groups sort the cards however they choose to. Have them explain their groups to you.

Next have the groups sort the cards in one of several ways that you choose.

- Sort into groups according to the solving tool you would use.

○ Post Activity

Choose a few equations of each type for students to write down and solve.

Time Required

20 minutes
