Exponent Game Sort

Description

This activity gives student cards that have expressions with exponents. Students should sort the cards into a set that all simplify to the same expression. This is a great review of the rules for exponents.

Prep Work

Print out a set of cards for each group of students. Two students per group.
The first page is all the simplified expressions except for 1, which fills page 2 on its own.
Print 10 copies of page 1 and 1 copy of page 2.
These should be on a different color than the remaining pages. This will give you 10 full sets of category cards.
Then print 10 copies of pages 3 through 6 and 5 copies of page 7 all on white cardstock.
This will give you ten copies of the cards to sort into each category.
Use the thickest card stock you can find.

Instructions

- **Pre Activity**

None

- **Activity**

Give each group a set of cards.
Have the groups lay out the simplified expressions cards.
Next have the groups match remaining cards with the simplified expression they relate to.
There should be 4 expressions in each category.

- **Post Activity**

Ask students to explain what rule they used to simplify each card.

Time Required

20 minutes

This activity was created by Leah Griffith Rio Hondo College