Unit 4, Lesson 15

Equal Groups, Greater Numbers

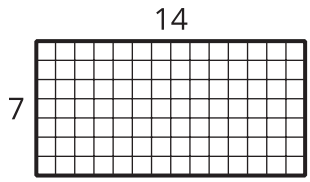
Let's solve some problems with equal groups that have greater numbers.

Warm-up

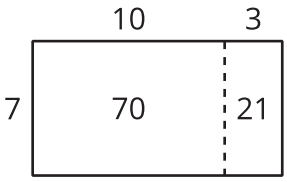
Which Three Go Together: Rectangles

Which 3 go together?

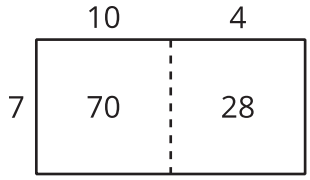
A



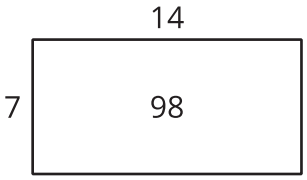
B



C



D



Activity 1

Equal Groups, Greater Numbers

Solve each problem. Explain or show your reasoning.

1. A rectangular mural has side lengths of 17 feet and 4 feet. What is the area of the mural?

2. Noah makes a rectangular mosaic with 1-inch tiles. The mosaic has 12 rows and 8 columns of tiles. What is the area of the mosaic?

3. Noah uses chalk to help decorate a rectangular patio that is 6 feet wide and 14 feet long. What is the area of the patio?

4. Noah buys a pack of stickers. There are 5 sheets in the pack, and each sheet has 16 stickers. How many stickers are in the pack?

Activity 2

Gallery Walk: Equal Groups, Greater Numbers

As you visit the posters with your partner, discuss what is similar and what is different about the thinking shown on the posters.