Unit 4, Lesson 2

How Many in Each Group?

Let's represent and solve more problems.

Warm-up

Notice and Wonder: More Apples

What do you notice? What do you wonder?



Activity 1

How Many Apples?

Solve each problem. Show your thinking using objects, a drawing, or a diagram.

1. A worker packs 20 apples in 4 boxes. She packs the same number of apples in each box. How many apples are in each box?

2. A worker packs 36 apples in 6 boxes. He packs the same number of apples in each box. How many apples are in each box?

3. A worker packs 45 apples in 9 boxes. She packs the same number of apples in each box. How many apples are in each box?

Activity 2

Gallery Walk: More Apples in Boxes

Visit the posters around the room with your partner. Discuss what is similar and what is different about the thinking shown on the posters.

Activity 3

All the Apples

A farmer puts 24 apples in boxes. She puts 8 apples in each box. How many boxes are there?

A farmer packs 20 apples in 4 boxes. She packs the same number of apples in each box. How many apples are in each box?

Discuss with your partner:

- How are these problems alike?
- How are they different?
- What is alike and what is different about how these problems are represented and solved?