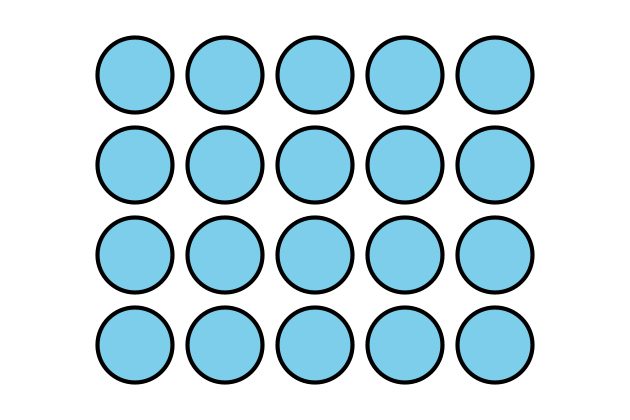
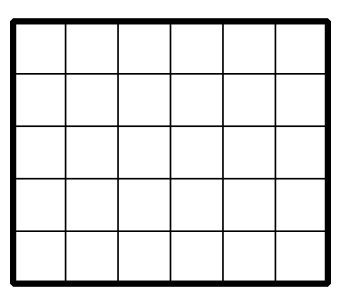
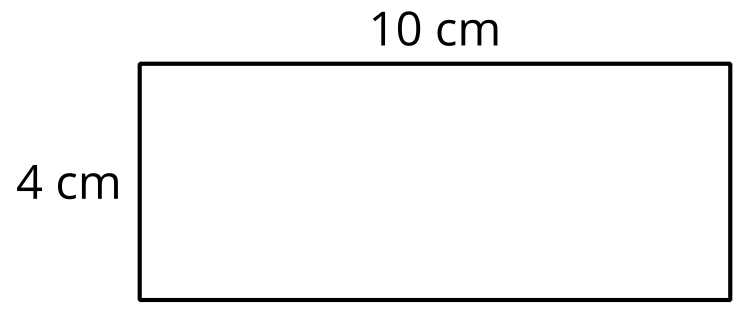
### Section A: Practice Problems

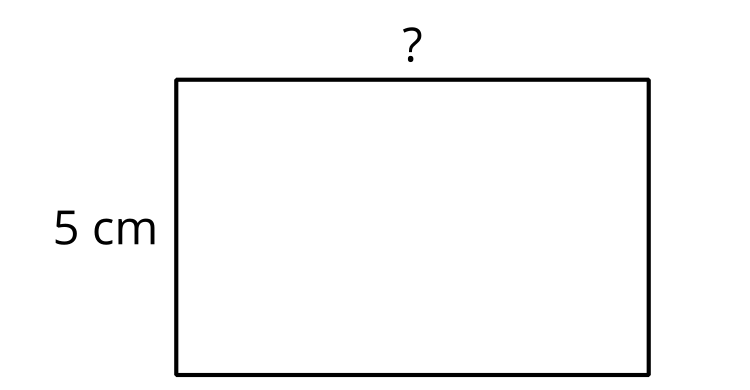
1. Pre-unit

* 
  1. Write a multiplication expression that represents the array.
  2. Write a multiplication equation that represents the array.

1. Pre-unit

* Find the area of each rectangle.
* A
* B

1. Pre-unit

* The area of the rectangle is 40 square centimeters.
* Find the missing side length of the rectangle. Explain your reasoning.
* 

1. Pre-unit

* Find the number that makes each equation true.

1. Pre-unit

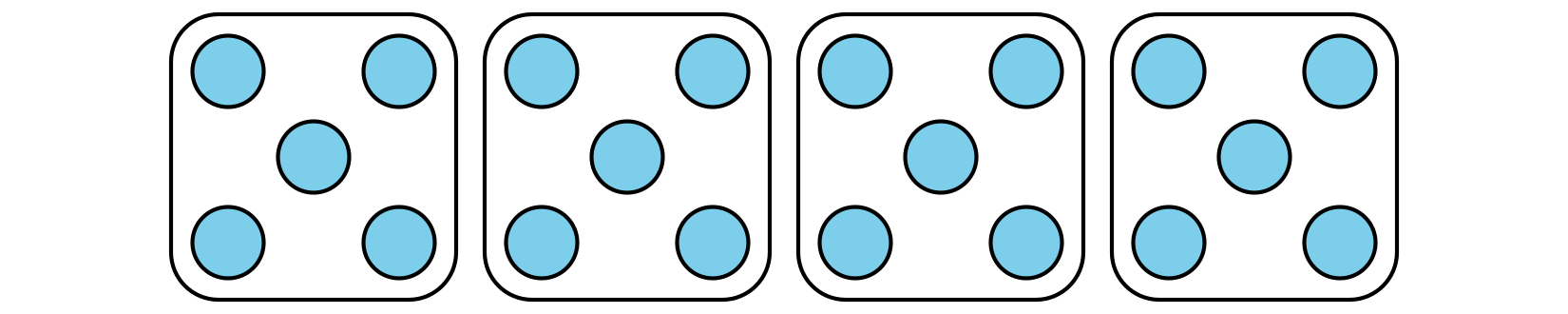
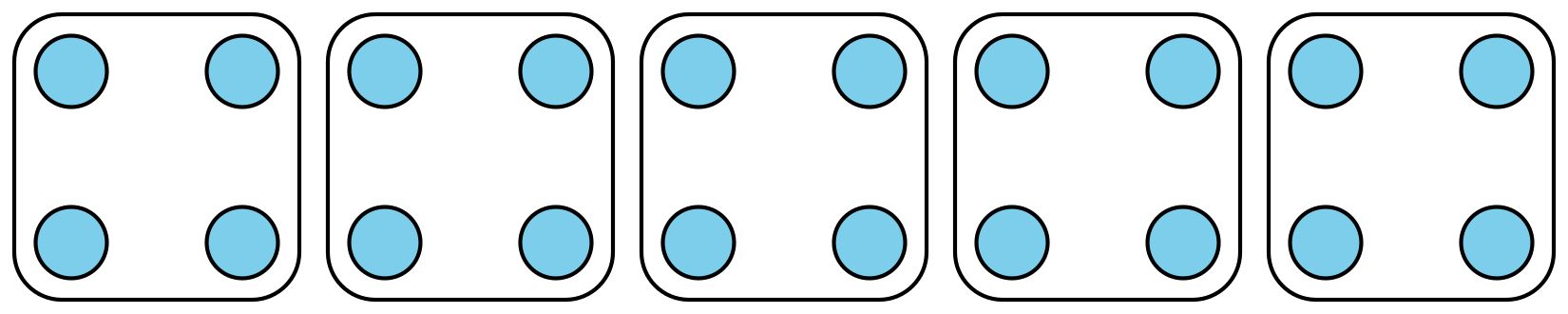
* There are 6 volleyball teams in the gym. Each team has 10 players. How many volleyball players are there altogether?
  1. Make a drawing of the situation.
  2. Write an equation with a “?” for the unknown that represents the situation.
  3. Solve the problem.

1. For each problem, show your thinking using a drawing or a diagram.
   1. There are 40 apples packed into boxes. If there are 8 apples in each box, how many boxes are there?
   2. There are 40 apples packed into boxes. If there are 10 apples in each box, how many boxes are there?

* (From Unit 4, Lesson 1.)

1. For each problem, show your thinking using a drawing or a diagram.
   1. There are 30 oranges. If they are packed into 5 bags with the same amount of oranges in each bag, how many oranges are in each bag?
   2. There are 30 oranges. If they are packed into 3 bags with the same amount of oranges in each bag, how many oranges are in each bag?

* (From Unit 4, Lesson 2.)
  1. 10 people go to the movies in cars. Two people go in each car. How many cars are there? Show your thinking using a drawing or a diagram.
  2. 10 other people go to the movies in cars. They ride in 2 cars with the same number in each car. How many people are in each car? Show your thinking using a drawing or diagram.
  3. How are the two situations the same? How are they different? How are the diagrams the same? How are they different?
* (From Unit 4, Lesson 3.)

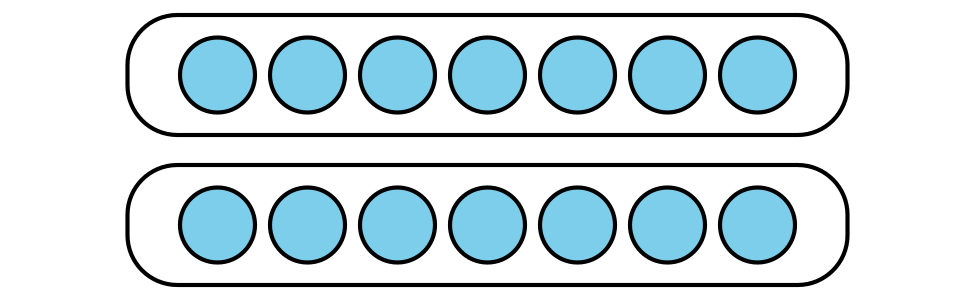
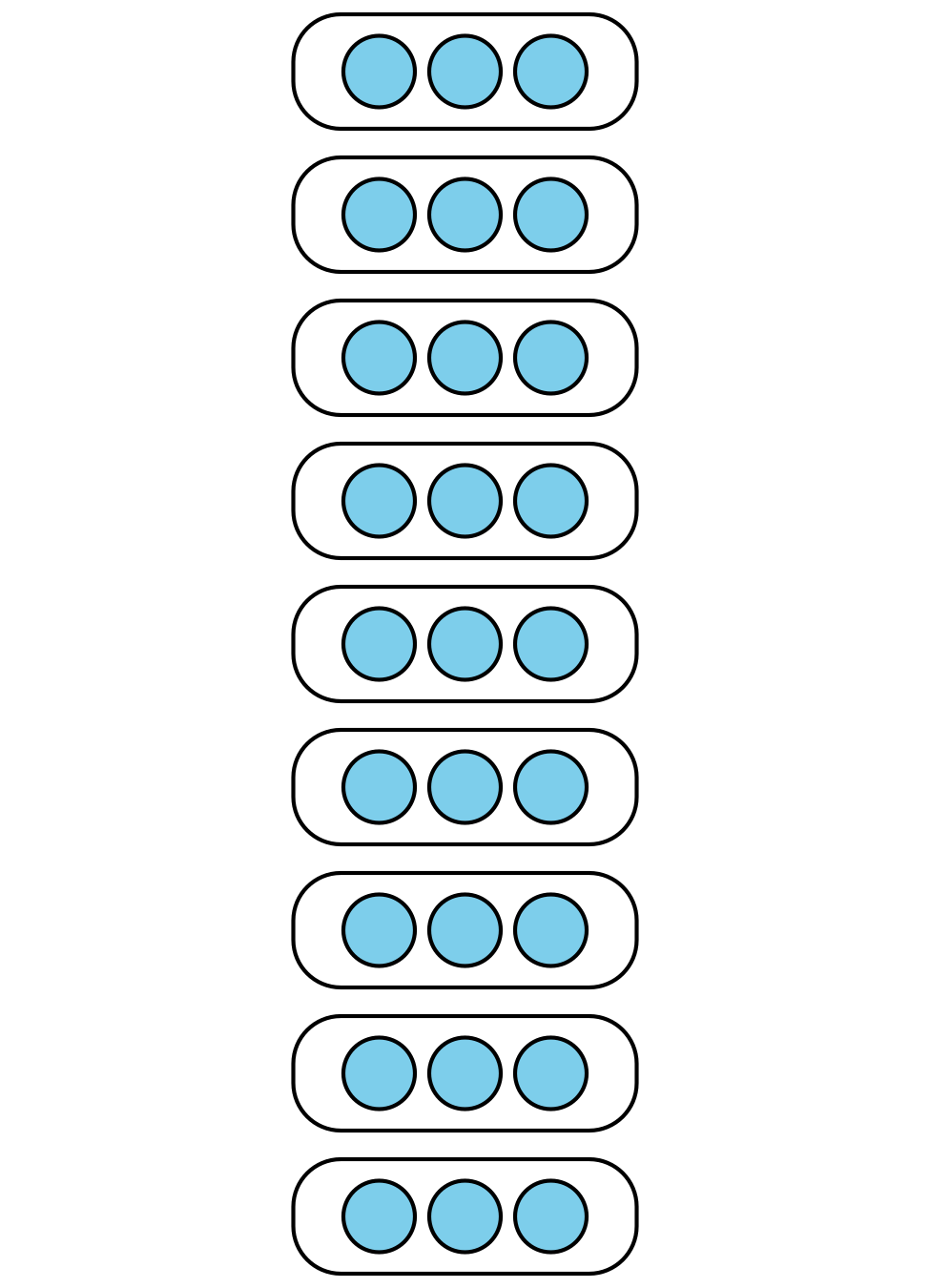
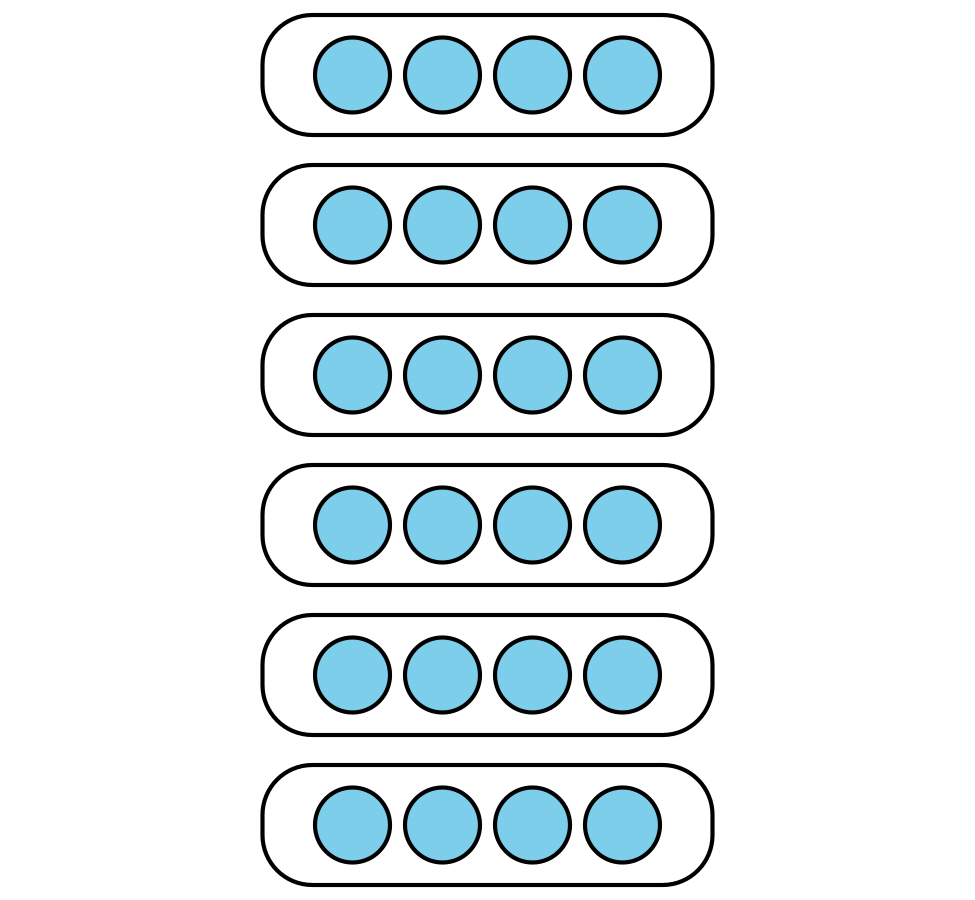
1. There are 20 desks in the class. They are divided equally into 5 groups. How many desks are in each group?
   1. Which expression represents this situation: or ? Explain your reasoning.
   2. Choose the diagram that represents this situation. Explain your reasoning.
   * A
   * B

* (From Unit 4, Lesson 4.)

1. Mai’s family picked 40 pounds of peaches. They put 5 pounds in each bag.
   1. Write a division expression that represents the situation.
   2. How many bags of peaches did Mai’s family pick? Explain or show your reasoning.

* (From Unit 4, Lesson 5.)

1. Complete each story by putting a number in the blank that makes sense. Then, answer the questions. Draw a diagram to solve each problem.
   1. Mai has \_\_\_\_\_\_\_\_\_\_ stickers. She is going to put the same number of stickers on each of her 5 notebooks. How many stickers will be on each notebook?
   2. Andre has \_\_\_\_\_\_\_\_\_\_ cards. He is going to arrange them in rows of \_\_\_\_\_\_\_\_\_\_ cards. How many rows will Andre's cards make?
2. Exploration

* Write a division situation to match each diagram.
* A
* B
* C



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