

## Grade 3 Unit 1

Lesson 20

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## Unit 1 Lesson 20: The Commutative Property

### WU Number Talk: Subtraction (Warm up)

#### Student Task Statement

Find the value of each expression mentally.

- $70 - 10$
- $68 - 10$
- $70 - 12$
- $68 - 12$

### 1 Learn More About Multiplication

#### Student Task Statement

What do you notice? What do you wonder?

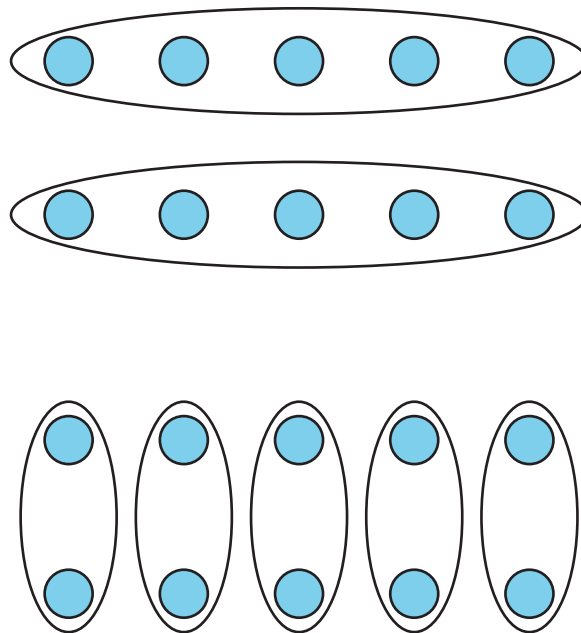


Image A

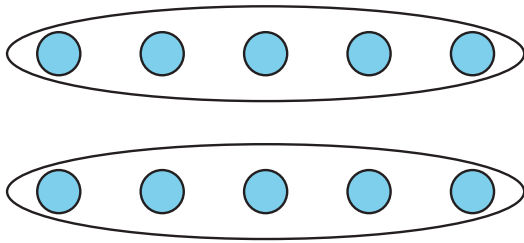
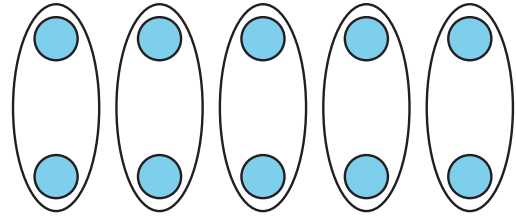


Image B



1. a. Write an array situation for each array.

Image A

Image B

- b. How are the situations the same? How are the situations different?

2. a. Write an equation for each situation.

Image A

Image B

- b. How does your equation connect to the situation and array?

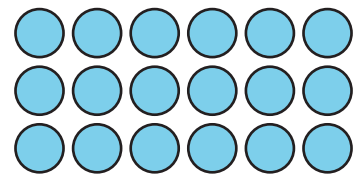
Image A

Image B

## 2 Revisit Arrays

### Student Task Statement

1. Write 2 multiplication equations that represent the array.



2. Explain why both equations can represent the array.