Unit 8, Lesson 3

Factors as a Factor in Our Strategy Choice

Let's reason about strategies we use to multiply.

Warm-up

Number Talk: Increasing Factors

Find the value of each expression mentally.

- 230×10
- 230×12
- 230×15
- 232×15

Activity 1

Choose a Multiplication Strategy

Find the value of each expression. Explain or show your reasoning.

1. 14×3

2. 14×101

3. 14×25

4. 14×9

5. 14×136

Activity 2

Compare Strategies

Find the value of each expression.

1. 29×7

2. 12×45

3. 15×199

4. 24×154