



# 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.

- $230 \times 10$

- $230 \times 12$

- $230 \times 15$

- $232 \times 15$



## Activity 1

### Choose a Multiplication Strategy

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

1.  $14 \times 3$

2.  $14 \times 101$

3.  $14 \times 25$



4.  $14 \times 9$

5.  $14 \times 136$



## Activity 2

### Compare Strategies

Find the value of each expression.

1.  $29 \times 7$

2.  $12 \times 45$

3.  $15 \times 199$

4.  $24 \times 154$

