Unit 4, Lesson 1

Estimate and Find Products

Let's estimate and calculate products.

Warm-up

Number Talk: A Multiple of 10

Find the value of each product mentally.

- 50×6
- 50×60
- 50×600
- 600×500

Activity 1

Reasonable Estimates

1. Which estimate for the product 18×149 is most reasonable? Explain or show your reasoning.

   A. $2{,}000$

   B. $4{,}000$

   C. $3{,}000$

   D. $1{,}500$

2. Are any of the estimates unreasonable? Explain or show your reasoning.

3. Do you think the actual product is greater than or less than your estimate? Explain or show your reasoning.

Activity 2

Multiply by 18

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

1. 18×9

2. 18×49

3. 18×149