

Grade 5 Unit 5

Lesson 18

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Unit 5 Lesson 18: Use Whole Number Facts

WU True or False: Group Dynamics (Warm up)

Student Task Statement

Decide if each statement is true or false. Be prepared to explain your reasoning.

- $30 \times 2 \times 10 = 6 \times 10$
- $30 \times 2 \times 10 = 20 \times 3 \times 10$
- $60 \times 10 = 30 \times 20$

1 Agree or Disagree

Student Task Statement

1. Decide whether each equation is true or false and explain or show why.

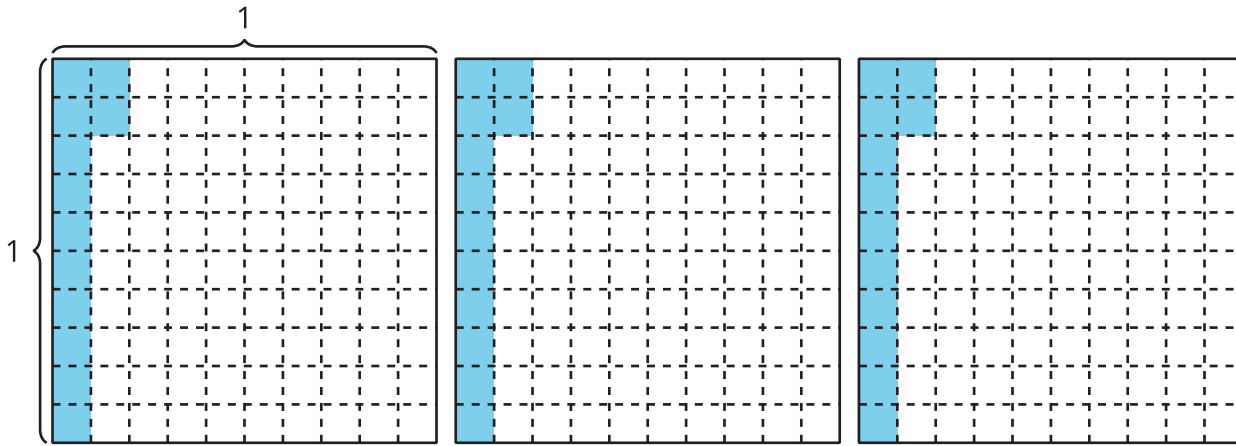
- $4 \times 0.7 = 28$
- $5 \times 0.8 = 0.40$
- $6 \times 0.03 = (6 \times 3) \times 0.01$
- $8 \times 0.07 = (8 \times 7) \times 0.1$

2. Fill in the blank to make each equation true.

- $3 \times 0.7 = 3 \times 7 \times \underline{\hspace{1cm}}$
- $3 \times 0.07 = 3 \times 7 \times \underline{\hspace{1cm}}$
- $5 \times \underline{\hspace{1cm}} = (5 \times 4) \times 0.1$

2 Interpret Diagrams and Expressions

Student Task Statement



1. Explain or show how the diagram represents each expression.
 - a. 3×0.12
 - b. $(3 \times 12) \times 0.01$
 - c. $(3 \times 0.1) + (3 \times 0.02)$
2. Find the value of $(3 \times 12) \times 0.01$. Explain or show your reasoning.
3. Find the value of $(3 \times 0.1) + (3 \times 0.02)$. Explain or show your reasoning.