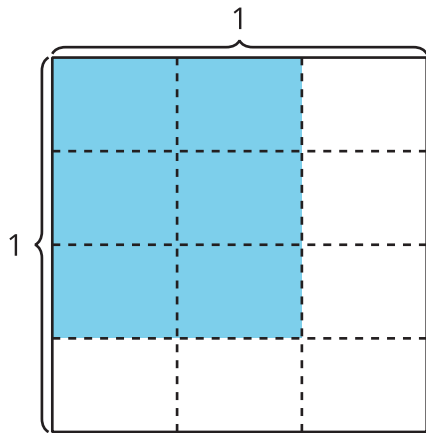# Unit 3 Lesson 6: Multiply Fractions
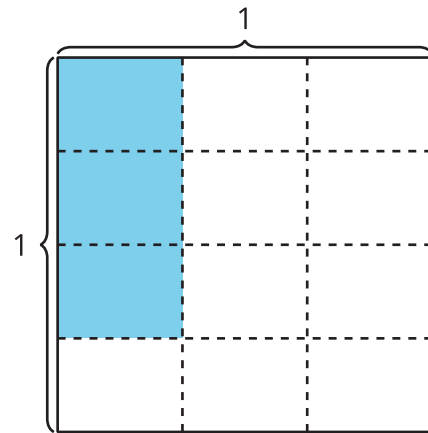
WU Which One Doesn't Belong: More Pieces (Warm up)

Student Task Statement
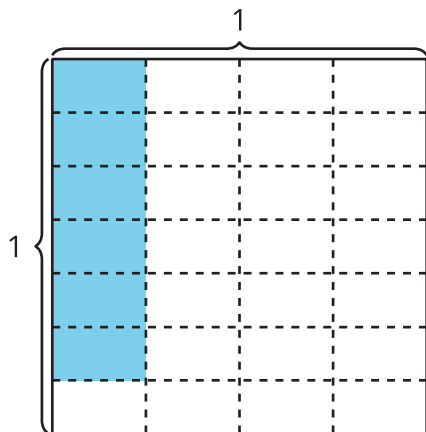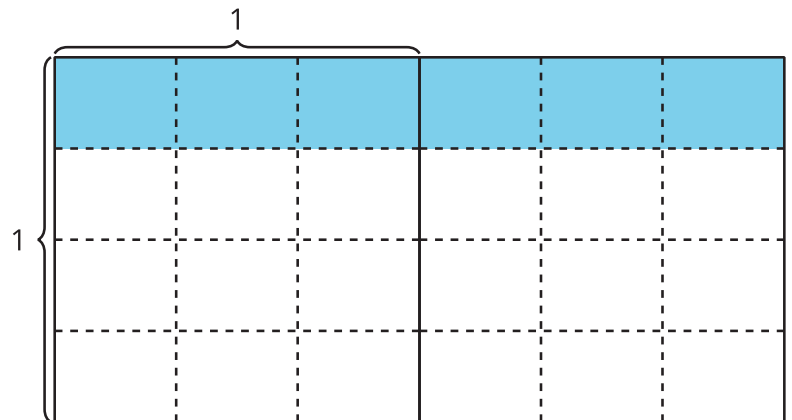
Which one doesn't belong?

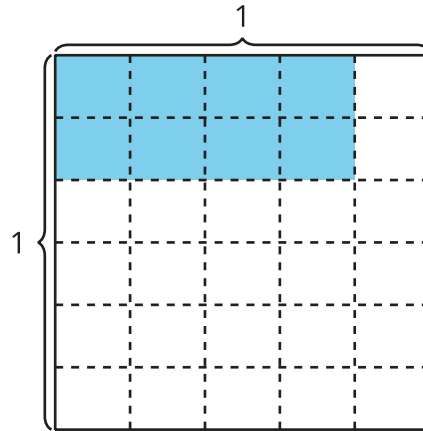**A**

B

C

D

1 Many Expressions

Student Task Statement

Explain or show how each expression can represent the area of the shaded region in square units. Be prepared to share your thinking.

1. $\frac{8}{30}$

2. $2 \times 4 \times (\frac{1}{5} \times \frac{1}{6})$

3. $\frac{2}{6} \times \frac{4}{5}$

2 More Patterns

Student Task Statement

1. Complete the table.

diagram	multiplication expression	shaded area (square units)
A		
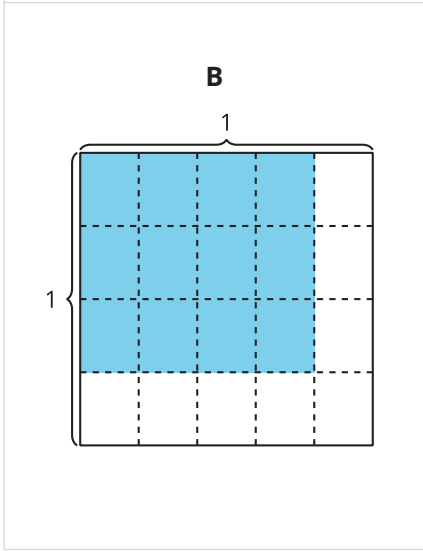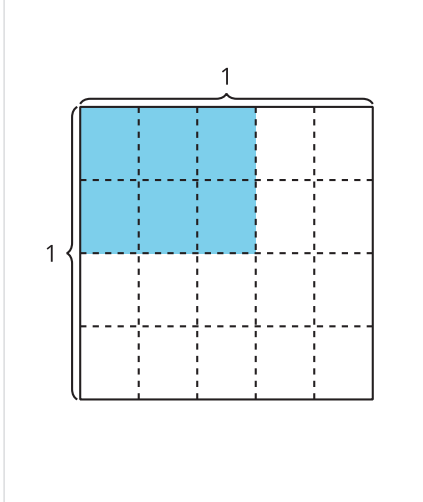
diagram	multiplication expression	shaded area (square units)

diagram	multiplication expression	shaded area (square units)

B

diagram	multiplication expression	shaded area (square units)

C
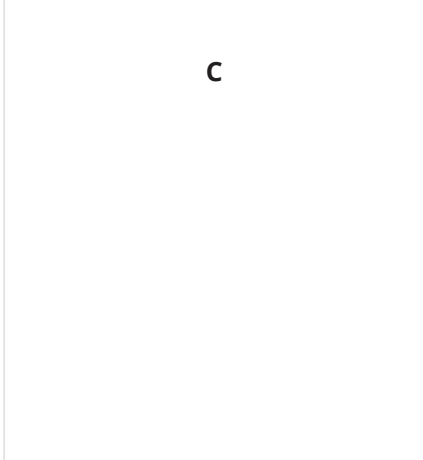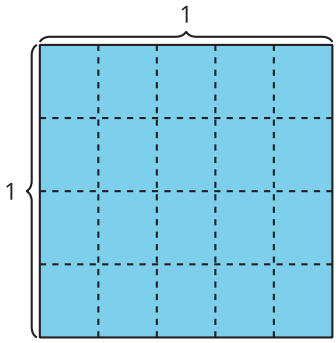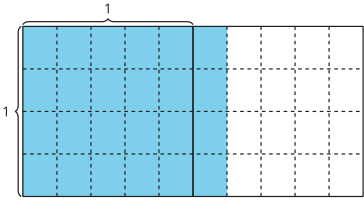
diagram	multiplication expression	shaded area (square units)
D		

2. What patterns do you notice in the table?

3. Explain or show how the expression $\frac{6\times4}{5\times4}$ represents the last diagram in the table.