



# Multiply Fractions Game Day

Let's multiply a fraction or whole number by a fraction.

## Warm-up

### Number Talk: Multiply One-Third

Find the value of each expression mentally.

$$\bullet \quad \frac{1}{3} \times 3$$

$$\bullet \quad \frac{1}{3} \times 4$$

$$\bullet \quad \frac{1}{3} \times \frac{6}{3}$$

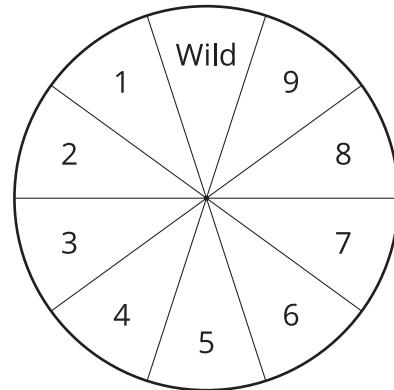
$$\bullet \quad \frac{1}{3} \times \frac{1}{4}$$

## Activity 1

### Fraction Multiplication Compare

1. Use the directions to play Fraction Multiplication Compare with your partner.

- Spin the spinner.
- Write the number in one of the 4 blank boxes on your gameboard. Once you write a number, you can't change it.
- Take turns until all 4 blank boxes are filled.
- Multiply your fractions.
- The partner with the greater product wins.
- Play again.



Round 1  $\frac{\square}{\square} \times \frac{\square}{\square} = \underline{\hspace{2cm}}$   
 $\frac{\square}{\square} \times \frac{\square}{\square} = \underline{\hspace{2cm}}$

Round 2  $\frac{\square}{\square} \times \frac{\square}{\square} = \underline{\hspace{2cm}}$   
 $\frac{\square}{\square} \times \frac{\square}{\square} = \underline{\hspace{2cm}}$

2. What strategy did you use to decide where to write the numbers?

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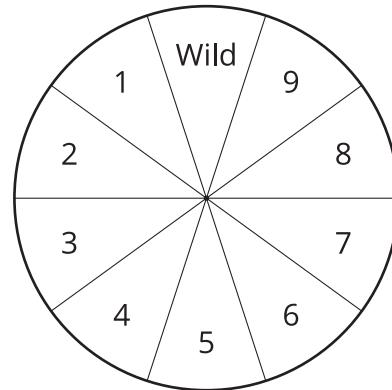
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## Activity 2

### Fraction Multiplication Compare Round 2

1. Use the directions to play Fraction Multiplication Compare with your partner.

- Spin the spinner.
- Write the number in one of the 4 blank boxes on your gameboard. Once you write a number, you can't change it.
- Take turns until all 4 blank boxes are filled.
- Multiply your fractions.
- The partner with the greater product wins.
- Play again.



Round 1  $\frac{\square}{\square} \times \frac{\square}{\square} = \underline{\hspace{2cm}}$   
 $\frac{\square}{\square} \times \frac{\square}{\square} = \underline{\hspace{2cm}}$

Round 2  $\frac{\square}{\square} \times \frac{\square}{\square} = \underline{\hspace{2cm}}$   
 $\frac{\square}{\square} \times \frac{\square}{\square} = \underline{\hspace{2cm}}$

2. What strategy did you use to decide where to write the numbers?

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