

## Directions:

- Roll 6 number cubes. If you roll a 5, it counts as wild and can be any number you choose.
- Use 4 of the numbers to show equivalent fractions.
- If you can make equivalent fractions, show or explain how you know the fractions are equivalent.
- If you can't make equivalent fractions, roll the cubes again using as many cubes as you'd like. You may only roll two times each turn.
- Take turns.
- Earn 1 point for each pair of equivalent fractions. The partner with more points after 6 rounds wins the game.

|                                                                                                         |                                                                                                         |
|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| $\frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} = \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}}$ | $\frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} = \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}}$ |
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## Directions:

- Each partner:
  - Roll 3 number cubes. Use the numbers to complete the expression. Write the product.
  - Check your partner's work to make sure you agree.
  - Determine the number of points:
    - 2 points for creating an expression with a value less than 1
    - 5 points for creating an expression with a value greater than 1
    - 10 points for creating an expression with a value equal to 1
- Take turns. The partner with more points after 6 rounds wins the game.

| round | equation                                   | points |
|-------|--------------------------------------------|--------|
| 1     | $\square \times \frac{\square}{\square} =$ |        |
| 2     | $\square \times \frac{\square}{\square} =$ |        |
| 3     | $\square \times \frac{\square}{\square} =$ |        |
| 4     | $\square \times \frac{\square}{\square} =$ |        |
| 5     | $\square \times \frac{\square}{\square} =$ |        |
| 6     | $\square \times \frac{\square}{\square} =$ |        |

- Each partner:
  - Roll 2 number cubes. Use the numbers to complete the expression. Write the product.
  - Check your partner's work to make sure you agree.
  - Determine the number of points each partner gets:
    - 2 points for creating an expression with a value less than 1
    - 5 points for creating an expression with a value greater than 1
    - 10 points for creating an expression with a value equal to 1
- Take turns. The partner with more points after 6 rounds wins the game.

| round | equation                                   | points |
|-------|--------------------------------------------|--------|
| 1     | $\square \times \frac{\square}{\square} =$ |        |
| 2     | $\square \times \frac{\square}{\square} =$ |        |
| 3     | $\square \times \frac{\square}{\square} =$ |        |
| 4     | $\square \times \frac{\square}{\square} =$ |        |
| 5     | $\square \times \frac{\square}{\square} =$ |        |
| 6     | $\square \times \frac{\square}{\square} =$ |        |

## Directions:

- Roll 2 number cubes. Use the numbers to complete the equation.
- Check your partner's work to make sure you agree.
- Determine the number of points each partner gets:
  - 2 points for creating an expression with a value less than 1
  - 5 points for creating an expression with a value greater than 1
  - 10 points for creating an expression with a value that is equal to 1
- Take turns. The partner with more points after 6 rounds wins the game.

| round | equation                                         | points |
|-------|--------------------------------------------------|--------|
| 1     | $\square \div \square = \frac{\square}{\square}$ |        |
| 2     | $\square \div \square = \frac{\square}{\square}$ |        |
| 3     | $\square \div \square = \frac{\square}{\square}$ |        |
| 4     | $\square \div \square = \frac{\square}{\square}$ |        |
| 5     | $\square \div \square = \frac{\square}{\square}$ |        |
| 6     | $\square \div \square = \frac{\square}{\square}$ |        |

Directions:

- Roll 4 number cubes. Use the numbers to complete the expression. Write the product.
- Check your partner's work to make sure you agree.
- Compare the value of your products to determine the number of points each partner gets:
  - 5 points for the largest product
  - 3 points for the smallest product
- Take turns. The partner with more points after 6 rounds wins the game.

| round | equation                                                                                                       | points |
|-------|----------------------------------------------------------------------------------------------------------------|--------|
| 1     | $\frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} \times \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} =$ |        |
| 2     | $\frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} \times \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} =$ |        |
| 3     | $\frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} \times \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} =$ |        |
| 4     | $\frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} \times \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} =$ |        |
| 5     | $\frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} \times \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} =$ |        |
| 6     | $\frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} \times \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} =$ |        |

- Each partner:
  - Roll 3 number cubes. Use the numbers to complete the expression. Write the product.
  - Check your partner's work to make sure you agree.
  - Compare the value of your products to determine the number of points each partner gets:
    - 5 points for the largest product
    - 3 points for the smallest product
- Repeat. The partner with more points after 6 rounds wins the game.

| round | equation                                                                                                                                                                                                                                                   | points |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| 1     | $\frac{\begin{array}{ c } \hline \square \\ \hline \end{array}}{\begin{array}{ c } \hline \square \\ \hline \end{array}} \times \frac{\begin{array}{ c } \hline \square \\ \hline \end{array}}{\begin{array}{ c } \hline \square \\ \hline \end{array}} =$ |        |
| 2     | $\frac{\begin{array}{ c } \hline \square \\ \hline \end{array}}{\begin{array}{ c } \hline \square \\ \hline \end{array}} \times \frac{\begin{array}{ c } \hline \square \\ \hline \end{array}}{\begin{array}{ c } \hline \square \\ \hline \end{array}} =$ |        |
| 3     | $\frac{\begin{array}{ c } \hline \square \\ \hline \end{array}}{\begin{array}{ c } \hline \square \\ \hline \end{array}} \times \frac{\begin{array}{ c } \hline \square \\ \hline \end{array}}{\begin{array}{ c } \hline \square \\ \hline \end{array}} =$ |        |
| 4     | $\frac{\begin{array}{ c } \hline \square \\ \hline \end{array}}{\begin{array}{ c } \hline \square \\ \hline \end{array}} \times \frac{\begin{array}{ c } \hline \square \\ \hline \end{array}}{\begin{array}{ c } \hline \square \\ \hline \end{array}} =$ |        |
| 5     | $\frac{\begin{array}{ c } \hline \square \\ \hline \end{array}}{\begin{array}{ c } \hline \square \\ \hline \end{array}} \times \frac{\begin{array}{ c } \hline \square \\ \hline \end{array}}{\begin{array}{ c } \hline \square \\ \hline \end{array}} =$ |        |
| 6     | $\frac{\begin{array}{ c } \hline \square \\ \hline \end{array}}{\begin{array}{ c } \hline \square \\ \hline \end{array}} \times \frac{\begin{array}{ c } \hline \square \\ \hline \end{array}}{\begin{array}{ c } \hline \square \\ \hline \end{array}} =$ |        |

## Directions:

- Roll 2 number cubes. Use the numbers to create a division expression with a whole number and a unit fraction.
- Write the equation to represent the quotient.
- Check your partner's work to make sure you agree.
- Compare the value of your quotients to determine the number of points each partner gets:
  - 5 points for the largest quotient
  - 3 points for the smallest quotient
- Take turns. The partner with more points after 6 rounds wins the game.

| round | equation | points |
|-------|----------|--------|
| 1     |          |        |
| 2     |          |        |
| 3     |          |        |
| 4     |          |        |
| 5     |          |        |
| 6     |          |        |