Learning Target: I will multiply and divide fractions   **Readiness** for solving 1-step algebraic equations

Title of Game: Play "**Multiplication and Division Match-up**!"

Number of Players: 2

Objective: To match your answer cards to unknown problem cards.

Materials:

➢ 1 set of **Problem** and **Answer** cards per group

➢ 1 recording sheet per player

Set-up:

➢ Deal all 10 **Problem** cards face down in a row.

➢ Deal 5 **Answer** cards face up to each player.

Directions:

➢ **Player 1** goes first
   o Take a card from the row of face down **Problem** cards and turn it face up
   o Write the problem on the recording sheet
   o And, find the answer in simplest form

➢ If **Player 1** has the **Answer** card, place it face up on top of the **Problem** card, take both cards and say:

"The answer to ____ is equal to ____."

➢ If **Player 1** does not have the answer to the **Problem** card, turn the **Problem** card back over.

➢ **Players 1 and 2** alternate turns. The **winner** is the first player to match all 5 of their cards.

Learning Target: I will multiply and divide fractions   7th Grade - Readiness Standard 1 - 6.NS.1

Independent Practice: Multiplication/Division Match-up!
(Recording Sheet)

Problem Cards (Set A)

7th Grade - Readiness Standard 1 - 6.NS.1

Storage Suggestions: Copy the **Problem (Set A)** cards and **Answer (Set A)** cards in two different colors.

Store 1 set of each in a sealable bag for each pair of students.

Set A₁

$\dfrac{1}{2} \times \dfrac{1}{6}$ Set A	$\dfrac{1}{2} \div \dfrac{2}{3}$ Set A	$\dfrac{2}{3} \times \dfrac{3}{6}$ Set A	$\dfrac{1}{3} \div \dfrac{5}{6}$ Set A
$\dfrac{2}{3} \times \dfrac{1}{6}$ Set A	$\dfrac{1}{4} \div \dfrac{2}{5}$ Set A	$\dfrac{3}{4} \times \dfrac{4}{5}$ Set A	$\dfrac{3}{4} \div \dfrac{5}{6}$ Set A
$\dfrac{2}{5} \times \dfrac{3}{8}$ Set A	$\dfrac{2}{5} \div \dfrac{1}{8}$ Set A		

Set A₂

$\dfrac{1}{2} \times \dfrac{1}{6}$ Set A	$\dfrac{1}{2} \div \dfrac{2}{3}$ Set A	$\dfrac{2}{3} \times \dfrac{3}{6}$ Set A	$\dfrac{1}{3} \div \dfrac{5}{6}$ Set A
$\dfrac{2}{3} \times \dfrac{1}{6}$ Set A	$\dfrac{1}{4} \div \dfrac{2}{5}$ Set A	$\dfrac{3}{4} \times \dfrac{4}{5}$ Set A	$\dfrac{3}{4} \div \dfrac{5}{6}$ Set A
$\dfrac{2}{5} \times \dfrac{3}{8}$ Set A	$\dfrac{2}{5} \div \dfrac{1}{8}$ Set A		

Answer Cards (Set A)

7th Grade - Readiness Standard 1 - 6.NS.1

Storage Suggestions: Copy the **Problem (Set A)** cards and **Answer (Set A)** cards in two different colors.
Store 1 set of each in a sealable bag for each pair of students.

Set A₁

$\dfrac{1}{12}$ Set A	$\dfrac{3}{4}$ Set A	$\dfrac{1}{3}$ Set A	$\dfrac{2}{5}$ Set A
$\dfrac{1}{9}$ Set A	$\dfrac{5}{8}$ Set A	$\dfrac{3}{5}$ Set A	$\dfrac{9}{10}$ Set A
$\dfrac{3}{20}$ Set A	$3\dfrac{1}{5}$ Set A		

Set A₂

$\dfrac{1}{12}$ Set A	$\dfrac{3}{4}$ Set A	$\dfrac{1}{3}$ Set A	$\dfrac{2}{5}$ Set A
$\dfrac{1}{9}$ Set A	$\dfrac{5}{8}$ Set A	$\dfrac{3}{5}$ Set A	$\dfrac{9}{10}$ Set A
$\dfrac{3}{20}$ Set A	$3\dfrac{1}{5}$ Set A		

Problem Cards (Set B)

7th Grade - Readiness Standard 1 - 6.NS.1

Storage Suggestions: Copy the **Problem (Set B)** cards and **Answer (Set B)** cards in two different colors.

Store 1 set of each in a sealable bag for each pair of students.

Set B₁

$\dfrac{1}{2}$ x $\dfrac{5}{6}$ Set B	$\dfrac{2}{3}$ ÷ $\dfrac{5}{6}$ Set B	$\dfrac{1}{3}$ x $\dfrac{9}{10}$ Set B	$\dfrac{1}{4}$ ÷ $\dfrac{4}{5}$ Set B
$\dfrac{3}{4}$ x $\dfrac{4}{5}$ Set B	$\dfrac{2}{3}$ ÷ $\dfrac{8}{9}$ Set B	$\dfrac{3}{5}$ x $\dfrac{5}{8}$ Set B	$\dfrac{5}{6}$ ÷ $\dfrac{5}{9}$ Set B
$\dfrac{5}{9}$ x $\dfrac{3}{10}$ Set B	$\dfrac{2}{9}$ ÷ $\dfrac{3}{4}$ Set B		

Set B₂

$\dfrac{1}{2}$ x $\dfrac{5}{6}$ Set B	$\dfrac{2}{3}$ ÷ $\dfrac{5}{6}$ Set B	$\dfrac{1}{3}$ x $\dfrac{9}{10}$ Set B	$\dfrac{1}{4}$ ÷ $\dfrac{4}{5}$ Set C
$\dfrac{3}{4}$ x $\dfrac{4}{5}$ Set B	$\dfrac{2}{3}$ ÷ $\dfrac{8}{9}$ Set B	$\dfrac{3}{5}$ x $\dfrac{5}{8}$ Set B	$\dfrac{5}{6}$ ÷ $\dfrac{5}{9}$ Set B
$\dfrac{5}{9}$ x $\dfrac{3}{10}$ Set B	$\dfrac{2}{9}$ ÷ $\dfrac{3}{4}$ Set B		

Answer Cards (Set B)

7th Grade - Readiness Standard 1 - 6.NS.1

Storage Suggestions: Copy the **Problem (Set B)** cards and **Answer (Set B)** cards in two different colors.

Store 1 set of each in a sealable bag for each pair of students.

Set B₁

$\dfrac{5}{12}$ Set B	$\dfrac{4}{5}$ Set B	$\dfrac{3}{10}$ Set B	$\dfrac{5}{16}$ Set B
$\dfrac{3}{5}$ Set B	$\dfrac{3}{4}$ Set B	$\dfrac{3}{8}$ Set B	$1\dfrac{1}{2}$ Set B
$\dfrac{1}{6}$ Set B	$\dfrac{8}{27}$ Set B		

Set B₂

$\dfrac{5}{12}$ Set B	$\dfrac{4}{5}$ Set B	$\dfrac{3}{10}$ Set B	$\dfrac{5}{16}$ Set B
$\dfrac{3}{5}$ Set B	$\dfrac{3}{4}$ Set B	$\dfrac{3}{8}$ Set B	$1\dfrac{1}{2}$ Set B
$\dfrac{1}{6}$ Set B	$\dfrac{8}{27}$ Set B		