Independent Practice (You Do)

5th Grade - Readiness Standard 6 - 4.NF.4b

Learning Target: I will multiply a fraction by a whole number

Readiness for multiplying a fraction by a fraction

Title of Game: Play "**Multiplication 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 a fraction by a whole number

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

Problem Cards (Set A₁ and A₂)

5th Grade - Readiness Standard 6 - 4.NF.4b

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.

$2 \times \dfrac{1}{4}$ Set A₁	$3 \times \dfrac{2}{5}$ Set A₁	$4 \times \dfrac{3}{4}$ Set A₁	$5 \times \dfrac{2}{3}$ Set A₁
Set A₁	$\dfrac{2}{5} \times 4$ Set A₁	$\dfrac{3}{4} \times 5$ Set A₁	$\dfrac{2}{3} \times 6$ Set A₁
Set A₁	$4 \times \dfrac{1}{6}$ Set A₁	$5 \times \dfrac{2}{5}$ Set A₁	$6 \times \dfrac{3}{4}$ Set A₁
$2 \times \dfrac{1}{4}$ Set A₂	$3 \times \dfrac{2}{5}$ Set A₂	$4 \times \dfrac{3}{4}$ Set A₂	$5 \times \dfrac{2}{3}$ Set A₂
Set A₂	$\dfrac{2}{5} \times 4$ Set A₂	$\dfrac{3}{4} \times 5$ Set A₂	$\dfrac{2}{3} \times 6$ Set A₂
Set A₂	$4 \times \dfrac{1}{6}$ Set A₂	$5 \times \dfrac{2}{5}$ Set A₂	$6 \times \dfrac{3}{4}$ Set A₂

Answer Cards (Set A₁ and A₂)

5th Grade - Readiness Standard 6 - 4.NF.4b

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 $\dfrac{1}{2}$ Set A₁	Set A₁	2 Set A₁	3 Set A₁
$1\dfrac{1}{5}$ Set A₁	$1\dfrac{3}{5}$ Set A₁	Set A₁	4 Set A₁
$3\dfrac{1}{3}$ Set A₁	$3\dfrac{3}{4}$ Set A₁	$\dfrac{2}{3}$ Set A₁	$4\dfrac{1}{2}$ Set A₁
Set A₂ $\dfrac{1}{2}$ Set A₂	Set A₂	2 Set A₂	3 Set A₂
$1\dfrac{1}{5}$ Set A₂	$1\dfrac{3}{5}$ Set A₂	Set A₂	4 Set A₂
$3\dfrac{1}{3}$ Set A₂	$3\dfrac{3}{4}$ Set A₂	$\dfrac{2}{3}$ Set A₂	$4\dfrac{1}{2}$ Set A₂

Problem Cards (Set B₁ and B₂)

5th Grade - Readiness Standard 6 - 4.NF.4b

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	$5 \times \dfrac{1}{4}$ Set B₁	$6 \times \dfrac{2}{5}$ Set B₁	$7 \times \dfrac{3}{4}$ Set B₁	$8 \times \dfrac{2}{3}$ Set B₁
	$\dfrac{1}{4} \times 8$ Set B₁	$\dfrac{2}{5} \times 9$ Set B₁	$\dfrac{3}{4} \times 8$ Set B₁	$\dfrac{1}{3} \times 9$ Set B₁
	$9 \times \dfrac{1}{5}$ Set B₁	$8 \times \dfrac{1}{6}$ Set B₁	Set B₁	Set B₁
Set B₂	$5 \times \dfrac{1}{4}$ Set B₂	$6 \times \dfrac{2}{5}$ Set B₂	$7 \times \dfrac{3}{4}$ Set B₂	$8 \times \dfrac{2}{3}$ Set B₂
	$\dfrac{1}{4} \times 8$ Set B₂	$\dfrac{2}{5} \times 9$ Set B₂	$\dfrac{3}{4} \times 8$ Set B₂	$\dfrac{1}{3} \times 9$ Set B₂
	$9 \times \dfrac{1}{5}$ Set B₂	$8 \times \dfrac{1}{6}$ Set B₂	Set B₂	Set B₂

Answer Cards (Set B₁ and B₂)

5th Grade - Readiness Standard 6 - 4.NF.4b

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

$1\frac{1}{4}$ Set B₁	$2\frac{2}{5}$ Set B₁	$5\frac{1}{4}$ Set B₁	$5\frac{1}{3}$ Set B₁
$3\frac{3}{5}$ Set B₁	2 Set B₁	6 Set B₁	3 Set B₁
$1\frac{4}{5}$ Set B₁	$1\frac{1}{3}$ Set B₁	Set B₁	Set B₁

Set B₂

$1\frac{1}{4}$ Set B₂	$2\frac{2}{5}$ Set B₂	$5\frac{1}{4}$ Set B₂	$5\frac{1}{3}$ Set B₂
$3\frac{3}{5}$ Set B₂	2 Set B₂	6 Set B₂	3 Set B₂
$1\frac{4}{5}$ Set B₂	$1\frac{1}{3}$ Set B₂	Set B₂	Set B₂