Independent Practice (You Do)

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

Learning Target: I will multiply fractions

Readiness for multiplying and dividing fractions

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 fractions

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

Problem Cards (Set A)

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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 $\frac{1}{2}$ x $\frac{1}{3}$ Set A	$\frac{1}{2}$ x $\frac{2}{3}$ Set A	$\frac{1}{2}$ x $\frac{3}{4}$ Set A	$\frac{1}{2}$ x $\frac{2}{5}$ Set A
$\frac{1}{2}$ x $\frac{4}{5}$ Set A	$\frac{1}{3}$ x $\frac{3}{4}$ Set A	$\frac{1}{3}$ x $\frac{3}{5}$ Set A	$\frac{2}{3}$ x $\frac{1}{4}$ Set A
$\frac{2}{3}$ x $\frac{3}{4}$ Set A	$\frac{1}{4}$ x $\frac{2}{5}$ Set A		

Set A₂ $\frac{1}{2}$ x $\frac{1}{3}$ Set A	$\frac{1}{2}$ x $\frac{2}{3}$ Set A	$\frac{1}{2}$ x $\frac{3}{4}$ Set A	$\frac{1}{2}$ x $\frac{2}{5}$ Set A
$\frac{1}{2}$ x $\frac{4}{5}$ Set A	$\frac{1}{3}$ x $\frac{3}{4}$ Set A	$\frac{1}{3}$ x $\frac{3}{5}$ Set A	$\frac{2}{3}$ x $\frac{1}{4}$ Set A
$\frac{2}{3}$ x $\frac{3}{4}$ Set A	$\frac{1}{4}$ x $\frac{2}{5}$ Set A		

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

$\frac{1}{6}$ Set A	$\frac{1}{3}$ Set A	$\frac{3}{8}$ Set A	$\frac{1}{5}$ Set A
$\frac{2}{5}$ Set A	$\frac{1}{4}$ Set A	$\frac{1}{5}$ Set A	$\frac{1}{6}$ Set A
$\frac{1}{2}$ Set A	$\frac{1}{10}$ Set A		

Set A₂

$\frac{1}{6}$ Set A	$\frac{1}{3}$ Set A	$\frac{3}{8}$ Set A	$\frac{1}{5}$ Set A
$\frac{2}{5}$ Set A	$\frac{1}{4}$ Set A	$\frac{1}{5}$ Set A	$\frac{1}{6}$ Set A
$\frac{1}{2}$ Set A	$\frac{1}{10}$ Set A		

Problem Cards (Set B)

6th Grade - Readiness Standard 5 - 5.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

$\frac{1}{2}$ x $\frac{1}{6}$ Set B	$\frac{1}{2}$ x $\frac{3}{6}$ Set B	$\frac{2}{3}$ x $\frac{3}{6}$ Set B	$\frac{2}{3}$ x $\frac{4}{6}$ Set B
$\frac{2}{3}$ x $\frac{1}{6}$ Set B	$\frac{1}{4}$ x $\frac{2}{5}$ Set B	$\frac{3}{4}$ x $\frac{4}{5}$ Set B	$\frac{3}{4}$ x $\frac{5}{6}$ Set B
$\frac{2}{5}$ x $\frac{3}{8}$ Set B	$\frac{4}{5}$ x $\frac{3}{8}$ Set B		

Set B₂

$\frac{1}{2}$ x $\frac{1}{6}$ Set B	$\frac{1}{2}$ x $\frac{3}{6}$ Set B	$\frac{2}{3}$ x $\frac{3}{6}$ Set B	$\frac{2}{3}$ x $\frac{4}{6}$ Set B
$\frac{2}{3}$ x $\frac{1}{6}$ Set B	$\frac{1}{4}$ x $\frac{2}{5}$ Set B	$\frac{3}{4}$ x $\frac{4}{5}$ Set B	$\frac{3}{4}$ x $\frac{5}{6}$ Set B
$\frac{2}{5}$ x $\frac{3}{8}$ Set B	$\frac{4}{5}$ x $\frac{3}{8}$ Set B		

Answer Cards (Set B)

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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			

Set B₁

$\dfrac{1}{12}$ Set B

$\dfrac{1}{4}$ Set B

$\dfrac{1}{3}$ Set B

$\dfrac{4}{9}$ Set B

$\dfrac{1}{9}$ Set B

$\dfrac{1}{10}$ Set B

$\dfrac{3}{5}$ Set B

$\dfrac{5}{8}$ Set B

$\dfrac{3}{20}$ Set B

$\dfrac{3}{10}$ Set B

Set B₂

$\dfrac{1}{12}$ Set B

$\dfrac{1}{4}$ Set B

$\dfrac{1}{3}$ Set B

$\dfrac{4}{9}$ Set B

$\dfrac{1}{9}$ Set B

$\dfrac{1}{10}$ Set B

$\dfrac{3}{5}$ Set B

$\dfrac{5}{8}$ Set B

$\dfrac{3}{20}$ Set B

$\dfrac{3}{10}$ Set B

Problem Cards (Set C)

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

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

Set C₁

$\frac{1}{2}$ x $\frac{5}{6}$ Set C	$\frac{2}{3}$ x $\frac{9}{10}$ Set C	$\frac{1}{3}$ x $\frac{9}{10}$ Set C	$\frac{1}{4}$ x $\frac{4}{5}$ Set C
$\frac{3}{4}$ x $\frac{4}{5}$ Set C	$\frac{2}{3}$ x $\frac{7}{10}$ Set C	$\frac{3}{5}$ x $\frac{5}{8}$ Set C	$\frac{5}{6}$ x $\frac{3}{8}$ Set C
$\frac{5}{9}$ x $\frac{3}{10}$ Set C	$\frac{2}{9}$ x $\frac{3}{8}$ Set C		

Set C₂

$\frac{1}{2}$ x $\frac{5}{6}$ Set C	$\frac{2}{3}$ x $\frac{9}{10}$ Set C	$\frac{1}{3}$ x $\frac{9}{10}$ Set C	$\frac{1}{4}$ x $\frac{4}{5}$ Set C
$\frac{3}{4}$ x $\frac{4}{5}$ Set C	$\frac{2}{3}$ x $\frac{7}{10}$ Set C	$\frac{3}{5}$ x $\frac{5}{8}$ Set C	$\frac{5}{6}$ x $\frac{3}{8}$ Set C
$\frac{5}{9}$ x $\frac{3}{10}$ Set C	$\frac{2}{9}$ x $\frac{3}{8}$ Set C		

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

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

Set C₁

$\dfrac{5}{12}$ Set C	$\dfrac{3}{5}$ Set C	$\dfrac{3}{10}$ Set C	$\dfrac{1}{5}$ Set C
$\dfrac{3}{5}$ Set C	$\dfrac{7}{15}$ Set C	$\dfrac{3}{8}$ Set C	$\dfrac{5}{16}$ Set C
$\dfrac{1}{6}$ Set C	$\dfrac{1}{12}$ Set C		

Set C₂

$\dfrac{5}{12}$ Set C	$\dfrac{3}{5}$ Set C	$\dfrac{3}{10}$ Set C	$\dfrac{1}{5}$ Set C
$\dfrac{3}{5}$ Set C	$\dfrac{7}{15}$ Set C	$\dfrac{3}{8}$ Set C	$\dfrac{5}{16}$ Set C
$\dfrac{1}{6}$ Set C	$\dfrac{1}{12}$ Set C		