Learning Target: I will divide a unit fraction by a whole number

Readiness for multiplying and dividing fractions

Title of Game: Play "**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

➢ 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 divide a unit fraction by a whole number

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

Problem Cards (Set A₁ and A₂)

6th Grade - Readiness Standard 6 - 5.NF.7a

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

$\frac{1}{2} \div 2$ Set A₁	$\frac{1}{2} \div 3$ Set A₁	$\frac{1}{2} \div 4$ Set A₁	$\frac{1}{2} \div 5$ Set A₁
$\frac{1}{3} \div 6$ Set A₁	$\frac{1}{3} \div 3$ Set A₁	$\frac{1}{3} \div 4$ Set A₁	$\frac{1}{3} \div 5$ Set A₁
$\frac{1}{4} \div 6$ Set A₁	$\frac{1}{4} \div 7$ Set A₁		

Set A₂

$\frac{1}{2} \div 2$ Set A₂	$\frac{1}{2} \div 3$ Set A₂	$\frac{1}{2} \div 4$ Set A₂	$\frac{1}{2} \div 5$ Set A₂
$\frac{1}{3} \div 6$ Set A₂	$\frac{1}{3} \div 3$ Set A₂	$\frac{1}{3} \div 4$ Set A₂	$\frac{1}{3} \div 5$ Set A₂
$\frac{1}{4} \div 6$ Set A₂	$\frac{1}{4} \div 7$ Set A₂		

Answer Cards (Set A₁ and A₂)

6th Grade - Readiness Standard 6 - 5.NF.7a

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

$\frac{1}{4}$ Set A₁	$\frac{1}{6}$ Set A₁	$\frac{1}{8}$ Set A₁	$\frac{1}{10}$ Set A₁
$\frac{1}{18}$ Set A₁	$\frac{1}{9}$ Set A₁	$\frac{1}{12}$ Set A₁	$\frac{1}{15}$ Set A₁
$\frac{1}{24}$ Set A₁	$\frac{1}{28}$ Set A₁		

Set A₂

$\frac{1}{4}$ Set A₂	$\frac{1}{6}$ Set A₂	$\frac{1}{8}$ Set A₂	$\frac{1}{10}$ Set A₂
$\frac{1}{18}$ Set A₂	$\frac{1}{9}$ Set A₂	$\frac{1}{12}$ Set A₂	$\frac{1}{15}$ Set A₂
$\frac{1}{24}$ Set A₂	$\frac{1}{28}$ Set A₂		

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

Answer Cards (Set B$_1$ and B$_2$)

6th Grade - Readiness Standard 6 - 5.NF.7a

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 B$_1$

$\dfrac{1}{12}$ Set B$_1$	$\dfrac{1}{18}$ Set B$_1$	$\dfrac{1}{24}$ Set B$_1$	$\dfrac{1}{14}$ Set B$_1$
$\dfrac{1}{21}$ Set B$_1$	$\dfrac{1}{28}$ Set B$_1$	$\dfrac{1}{16}$ Set B$_1$	$\dfrac{1}{40}$ Set B$_1$
$\dfrac{1}{32}$ Set B$_1$	$\dfrac{1}{27}$ Set B$_1$		

Set B$_2$

$\dfrac{1}{12}$ Set B$_2$	$\dfrac{1}{18}$ Set B$_2$	$\dfrac{1}{24}$ Set B$_2$	$\dfrac{1}{14}$ Set B$_2$
$\dfrac{1}{21}$ Set B$_2$	$\dfrac{1}{28}$ Set B$_2$	$\dfrac{1}{16}$ Set B$_2$	$\dfrac{1}{40}$ Set B$_2$
$\dfrac{1}{32}$ Set B$_2$	$\dfrac{1}{27}$ Set B$_2$		

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.

$\frac{1}{6} \div 6$ Set C₁	$\frac{1}{7} \div 7$ Set C₁	$\frac{1}{8} \div 8$ Set C₁	$\frac{1}{9} \div 6$ Set C₁
$\frac{1}{6} \div 7$ Set C₁	$\frac{1}{7} \div 8$ Set C₁	$\frac{1}{8} \div 8$ Set C₁	$\frac{1}{9} \div 9$ Set C₁
$\frac{1}{7} \div 9$ Set C₁	$\frac{1}{8} \div 9$ Set C₁		
$\frac{1}{6} \div 6$ Set C₂	$\frac{1}{7} \div 7$ Set C₂	$\frac{1}{8} \div 8$ Set C₂	$\frac{1}{9} \div 6$ Set C₂
$\frac{1}{6} \div 7$ Set C₂	$\frac{1}{7} \div 8$ Set C₂	$\frac{1}{8} \div 8$ Set C₂	$\frac{1}{9} \div 9$ Set C₂
$\frac{1}{7} \div 9$ Set C₂	$\frac{1}{8} \div 9$ Set C₂		

Answer Cards (Set C₁ and C₂)

6th Grade - Readiness Standard 6 - 5.NF.7a

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			
$\dfrac{1}{36}$ Set C₁	$\dfrac{1}{49}$ Set C₁	$\dfrac{1}{48}$ Set C₁	$\dfrac{1}{54}$ Set C₁
$\dfrac{1}{42}$ Set C₁	$\dfrac{1}{56}$ Set C₁	$\dfrac{1}{64}$ Set C₁	$\dfrac{1}{81}$ Set C₁
$\dfrac{1}{63}$ Set C₁	$\dfrac{1}{72}$ Set C₁		

Set C₂			
$\dfrac{1}{36}$ Set C₂	$\dfrac{1}{49}$ Set C₂	$\dfrac{1}{48}$ Set C₂	$\dfrac{1}{54}$ Set C₂
$\dfrac{1}{42}$ Set C₂	$\dfrac{1}{56}$ Set C₂	$\dfrac{1}{64}$ Set C₂	$\dfrac{1}{81}$ Set C₂
$\dfrac{1}{63}$ Set C₂	$\dfrac{1}{72}$ Set C₂		