Independent Practice (You Do – Version 1)

5th Grade - Readiness Standard 4 - 4.NF.3b

Learning Target: I will convert improper fractions into mixed numbers

Readiness for adding and subtracting mixed numbers with like denominators

Title of Game: Play "**Improper Fraction Match-up**!"

Number of Players: 2

Objective: To match your Improper Fraction cards to unknown Mixed Number cards.

Materials:

➢ 1 set of "Mixed Number" and "Improper Fractions" cards per group

➢ 1 recording sheet per player

Set-up:

➢ Deal all 12 **Mixed Number** cards face down in a row.

➢ Deal 5 **Improper Fraction** cards face up to each player.
  o There will be 2 cards left over…they will not be used in this game…but don't peek!

Directions:

➢ **Player 1** goes first
  o Take a card from the row of face down **Mixed Number** cards and turn it face up
  o Each player writes the mixed number on the recording sheet a determines the equivalent improper fraction

➢ If **Player 1** has the equivalent **Improper Fraction** card, place it face up on top of the **Mixed Number** card, take both cards and say:

*"My **Improper Fraction** card ____ is equal to ____, because ____."*

➢ If **Player 1** does not have the equivalent **Improper Fraction** card, turn the **Mixed Number** card back over.

➢ **Players 1 and 2** alternate turns. The **winner** is the first player to match all 4 cards.

Independent Practice (You Do – Version 2)

5th Grade - Readiness Standard 4 - 4.NF.3b

Learning Target: I will convert improper fractions into mixed numbers

Readiness for adding and subtracting mixed numbers with like denominators

Title of Game: Play "**Mixed Number Match-up**!"

Number of Players: 2

Objective: To match your Mixed Number cards to unknown Improper Fraction cards.

Materials:

➢ 1 set of "Mixed Number" and "Improper Fractions" cards per group

   o For easy of sorting, copied each type of card on different colored paper.

➢ 1 recording sheet per player

Set-up:

➢ Deal all 12 **Improper Fraction** cards face down in a row.

➢ Deal 5 **Mixed Number** cards face up to each player.

   o There will be 2 cards left over…they will not be used in this game…but don't peek!

Directions:

➢ **Player 1** goes first

   o Take a card from the row of face down **Improper Fractions** cards and turn it face up

   o Each player writes the improper fraction on the recording sheet a determines the equivalent mixed number

➢ If **Player 1** has the equivalent **Mixed Number** card, place it face up on top of the **Improper Fraction** card, take both cards and say:

*"My **Mixed Number** card ____ is equal to ____, because _____."*

➢ If **Player 1** does not have the equivalent **Mixed Number** card, turn the **Improper Fraction** card back over.

➢ **Players 1 and 2** alternate turns. The **winner** is the first player to match all 4 cards.

Learning Target: I will convert improper fractions to mixed numbers

Independent Practice: Improper Fraction Match-up!
(Recording Sheet)

Improper Fraction	Mixed Number	Improper Fraction	Mixed Number
Improper Fraction	Mixed Number	Improper Fraction	Mixed Number
Improper Fraction	Mixed Number	Improper Fraction	Mixed Number
Improper Fraction	Mixed Number	Improper Fraction	Mixed Number
Improper Fraction	Mixed Number	Improper Fraction	Mixed Number
Improper Fraction	Mixed Number	Improper Fraction	Mixed Number

Learning Target: I will convert mixed numbers to improper fractions

Independent Practice: Mixed Number Match-up!
(Recording Sheet)

Mixed Number	Improper Fraction	Mixed Number	Improper Fraction
Mixed Number	Improper Fraction	Mixed Number	Improper Fraction
Mixed Number	Improper Fraction	Mixed Number	Improper Fraction
Mixed Number	Improper Fraction	Mixed Number	Improper Fraction
Mixed Number	Improper Fraction	Mixed Number	Improper Fraction
Mixed Number	Improper Fraction	Mixed Number	Improper Fraction

Improper Fraction Cards (Set A)

5th Grade - Readiness Standard 4 - 4.NF.3b

Directions: Place 1 set of **Improper Fractions (Set A)** cards with 1 set of **Mixed Number (Set A)** cards in a bag.

Set A₁

$\dfrac{7}{3}$ Set A	$\dfrac{13}{5}$ Set A
$\dfrac{5}{3}$ Set A	$\dfrac{9}{5}$ Set A
$\dfrac{8}{3}$ Set A	$\dfrac{14}{5}$ Set A
$\dfrac{5}{4}$ Set A	$\dfrac{15}{4}$ Set A
$\dfrac{11}{4}$ Set A	$\dfrac{7}{2}$ Set A
$\dfrac{7}{4}$ Set A	$\dfrac{5}{2}$ Set A

Set A₂

$\dfrac{7}{3}$ Set A	$\dfrac{13}{5}$ Set A
$\dfrac{5}{3}$ Set A	$\dfrac{9}{5}$ Set A
$\dfrac{8}{3}$ Set A	$\dfrac{14}{5}$ Set A
$\dfrac{5}{4}$ Set A	$\dfrac{15}{4}$ Set A
$\dfrac{11}{4}$ Set A	$\dfrac{7}{2}$ Set A
$\dfrac{7}{4}$ Set A	$\dfrac{5}{2}$ Set A

Mixed Number Cards (Set A)

5th Grade - Readiness Standard 4 - 4.NF.3b

Directions: Place 1 set of **Improper Fractions (Set A)** cards with 1 set of **Mixed Number (Set A)** cards in a bag.

Set A₁

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

Set A₂

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

Improper Fraction Cards (Set B)

5th Grade - Readiness Standard 4 - 4.NF.3b

Directions: Place 1 set of **Improper Fractions (Set B)** cards with 1 set of **Mixed Number (Set B)** cards in a bag.

Set B₁		Set B₂	
$\dfrac{17}{6}$ Set B	$\dfrac{19}{8}$ Set B	$\dfrac{17}{6}$ Set B	$\dfrac{19}{8}$ Set B
$\dfrac{11}{6}$ Set B	$\dfrac{13}{8}$ Set B	$\dfrac{11}{6}$ Set B	$\dfrac{13}{8}$ Set B
$\dfrac{13}{6}$ Set B	$\dfrac{23}{8}$ Set B	$\dfrac{13}{6}$ Set B	$\dfrac{23}{8}$ Set B
$\dfrac{10}{7}$ Set B	$\dfrac{25}{7}$ Set B	$\dfrac{10}{7}$ Set B	$\dfrac{25}{7}$ Set B
$\dfrac{18}{7}$ Set B	$\dfrac{13}{5}$ Set B	$\dfrac{18}{7}$ Set B	$\dfrac{13}{5}$ Set B
$\dfrac{12}{4}$ Set B	$\dfrac{17}{5}$ Set B	$\dfrac{12}{4}$ Set B	$\dfrac{17}{5}$ Set B

Mixed Number Cards (Set B)

5th Grade - Readiness Standard 4 - 4.NF.3b

Directions: Place 1 set of **Improper Fractions (Set B)** cards with 1 set of **Mixed Number (Set B)** cards in a bag.

Set B₁

$2\frac{5}{6}$ Set B	$2\frac{3}{8}$ Set B
$1\frac{5}{6}$ Set B	$1\frac{5}{8}$ Set B
$2\frac{1}{6}$ Set B	$2\frac{7}{8}$ Set B
$1\frac{3}{7}$ Set B	$3\frac{4}{7}$ Set B
$2\frac{4}{7}$ Set B	$2\frac{3}{5}$ Set B
$1\frac{5}{7}$ Set B	$3\frac{2}{5}$ Set B

Set B₂

$2\frac{5}{6}$ Set B	$2\frac{3}{8}$ Set B
$1\frac{5}{6}$ Set B	$1\frac{5}{8}$ Set B
$2\frac{1}{6}$ Set B	$2\frac{7}{8}$ Set B
$1\frac{3}{7}$ Set B	$3\frac{4}{7}$ Set B
$2\frac{4}{7}$ Set B	$2\frac{3}{5}$ Set B
$1\frac{5}{7}$ Set B	$3\frac{2}{5}$ Set B

Improper Fraction Cards (Set C)

5th Grade - Readiness Standard 4 - 4.NF.3b

Directions: Place 1 set of **Improper Fractions (Set C)** cards with 1 set of **Mixed Number (Set C)** cards in a bag.

Set C$_1$ | Set C$_2$

$\dfrac{21}{8}$ Set C	$\dfrac{23}{10}$ Set C	$\dfrac{21}{8}$ Set C	$\dfrac{23}{10}$ Set C
$\dfrac{15}{8}$ Set C	$\dfrac{17}{10}$ Set C	$\dfrac{15}{8}$ Set C	$\dfrac{17}{10}$ Set C
$\dfrac{17}{8}$ Set C	$\dfrac{21}{10}$ Set C	$\dfrac{17}{8}$ Set C	$\dfrac{21}{10}$ Set C
$\dfrac{13}{9}$ Set C	$\dfrac{32}{9}$ Set C	$\dfrac{13}{9}$ Set C	$\dfrac{32}{9}$ Set C
$\dfrac{23}{9}$ Set C	$\dfrac{17}{7}$ Set C	$\dfrac{23}{9}$ Set C	$\dfrac{17}{7}$ Set C
$\dfrac{16}{9}$ Set C	$\dfrac{13}{7}$ Set C	$\dfrac{16}{9}$ Set C	$\dfrac{13}{7}$ Set C

Mixed Number Cards (Set C - *2 Sets*)

5th Grade - Readiness Standard 4 - 4.NF.3b

Directions: Place 1 set of **Improper Fractions (Set C)** cards with 1 set of **Mixed Number (Set C)** cards in a bag.

Set C$_1$ Set C$_2$

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