# Independent Practice (You Do)

**Learning Target:**  I will add and subtract mixed numbers with different denominators

**Readiness** for solving 1-step equations


**Title of Game:**  Play "**Addition/Subtraction 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 add and subtract mixed numbers with different denominators

# Independent Practice:  Addition/Subtraction Match-up!
## *(Recording Sheet)*

| | |
|---|---|
| | |
| | |
| | |

# Problem Cards  (Set A)

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

| | | | | |
|---|---|---|---|---|
| $6\ \frac{1}{2}$ <br> $+\ 2\ \frac{2}{3}$ <br> Set A | $6\ \frac{2}{3}$ <br> $+\ 2\ \frac{3}{4}$ <br> Set A | $5\ \frac{1}{4}$ <br> $+\ 2\ \frac{2}{3}$ <br> Set A | $5\ \frac{1}{2}$ <br> $+\ 2\ \frac{3}{4}$ <br> Set A | $6$ <br> $-\ 2\ \frac{1}{4}$ <br> Set A |
| $6\ \frac{1}{4}$ <br> $-\ 2\ \frac{2}{3}$ <br> Set A | $5\ \frac{2}{3}$ <br> $-\ 2\ \frac{3}{4}$ <br> Set A | $5\ \frac{3}{4}$ <br> $-\ 2\ \frac{2}{3}$ <br> Set A | $6\ \frac{1}{3}$ <br> $-\ 2\ \frac{1}{2}$ <br> Set A | $6$ <br> $-\ 2\ \frac{3}{4}$ <br> Set A |

**Set A₂**

| | | | | |
|---|---|---|---|---|
| $6\ \frac{1}{2}$ <br> $+\ 2\ \frac{2}{3}$ <br> Set A | $6\ \frac{2}{3}$ <br> $+\ 2\ \frac{3}{4}$ <br> Set A | $5\ \frac{1}{4}$ <br> $+\ 2\ \frac{2}{3}$ <br> Set A | $5\ \frac{1}{2}$ <br> $+\ 2\ \frac{3}{4}$ <br> Set A | $6$ <br> $-\ 2\ \frac{1}{4}$ <br> Set A |
| $6\ \frac{1}{4}$ <br> $-\ 2\ \frac{2}{3}$ <br> Set A | $5\ \frac{2}{3}$ <br> $-\ 2\ \frac{3}{4}$ <br> Set A | $5\ \frac{3}{4}$ <br> $-\ 2\ \frac{2}{3}$ <br> Set A | $6\ \frac{1}{3}$ <br> $-\ 2\ \frac{1}{2}$ <br> Set A | $6$ <br> $-\ 2\ \frac{3}{4}$ <br> Set A |

# Answer Cards  (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 | | Set A₂ | |
|---|---|---|---|
| $9\frac{1}{6}$ <br><br> Set A | $3\frac{7}{12}$ <br><br> Set A | $9\frac{1}{6}$ <br><br> Set A | $3\frac{7}{12}$ <br><br> Set A |
| $9\frac{5}{12}$ <br><br> Set A | $2\frac{11}{12}$ <br><br> Set A | $9\frac{5}{12}$ <br><br> Set A | $2\frac{11}{12}$ <br><br> Set A |
| $7\frac{11}{12}$ <br><br> Set A | $3\frac{1}{12}$ <br><br> Set A | $7\frac{11}{12}$ <br><br> Set A | $3\frac{1}{12}$ <br><br> Set A |
| $8\frac{1}{4}$ <br><br> Set A | $3\frac{5}{6}$ <br><br> Set A | $8\frac{1}{4}$ <br><br> Set A | $3\frac{5}{6}$ <br><br> Set A |
| $3\frac{3}{4}$ <br><br> Set A | $3\frac{1}{4}$ <br><br> Set A | $3\frac{3}{4}$ <br><br> Set A | $3\frac{1}{4}$ <br><br> Set A |

**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**

| | | | | |
|---|---|---|---|---|
| $5 \frac{1}{3}$ <br> $+ 2 \frac{5}{6}$ <br> Set B | $4 \frac{1}{4}$ <br> $+ 2 \frac{5}{6}$ <br> Set B | $4 \frac{5}{6}$ <br> $+ 2 \frac{2}{3}$ <br> Set B | $4 \frac{2}{3}$ <br> $+ 2 \frac{3}{4}$ <br> Set B | $5$ <br> $- 2 \frac{5}{6}$ <br> Set B |
| $6 \frac{1}{6}$ <br> $- 2 \frac{3}{4}$ <br> Set B | $5 \frac{2}{3}$ <br> $- 3 \frac{5}{6}$ <br> Set B | $5 \frac{1}{3}$ <br> $- 2 \frac{3}{4}$ <br> Set B | $6 \frac{3}{4}$ <br> $- 2 \frac{2}{3}$ <br> Set B | $5$ <br> $- 2 \frac{1}{6}$ <br> Set B |

**Set B₂**

| | | | | |
|---|---|---|---|---|
| $5 \frac{1}{3}$ <br> $+ 2 \frac{5}{6}$ <br> Set B | $4 \frac{1}{4}$ <br> $+ 2 \frac{5}{6}$ <br> Set B | $4 \frac{5}{6}$ <br> $+ 2 \frac{2}{3}$ <br> Set B | $4 \frac{2}{3}$ <br> $+ 2 \frac{3}{4}$ <br> Set B | $5$ <br> $- 2 \frac{5}{6}$ <br> Set B |
| $6 \frac{1}{6}$ <br> $- 2 \frac{3}{4}$ <br> Set B | $5 \frac{2}{3}$ <br> $- 3 \frac{5}{6}$ <br> Set B | $5 \frac{1}{3}$ <br> $- 2 \frac{3}{4}$ <br> Set B | $6 \frac{3}{4}$ <br> $- 2 \frac{2}{3}$ <br> Set B | $5$ <br> $- 2 \frac{1}{6}$ <br> Set B |

# Answer Cards  (Set B)

6th Grade - Readiness Standard 4 - 5.NF.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 | | Set B₂ | |
|---|---|---|---|
| $8\dfrac{1}{6}$ <br><br> Set B | $3\dfrac{5}{12}$ <br><br> Set B | $8\dfrac{1}{6}$ <br><br> Set B | $3\dfrac{5}{12}$ <br><br> Set B |
| $7\dfrac{1}{12}$ <br><br> Set B | $1\dfrac{5}{6}$ <br><br> Set B | $7\dfrac{1}{12}$ <br><br> Set B | $1\dfrac{5}{6}$ <br><br> Set B |
| $6\dfrac{1}{2}$ <br><br> Set B | $2\dfrac{5}{12}$ <br><br> Set B | $6\dfrac{1}{2}$ <br><br> Set B | $2\dfrac{5}{12}$ <br><br> Set B |
| $7\dfrac{5}{12}$ <br><br> Set B | $4\dfrac{1}{12}$ <br><br> Set B | $7\dfrac{5}{12}$ <br><br> Set B | $4\dfrac{1}{12}$ <br><br> Set B |
| $2\dfrac{1}{6}$ <br><br> Set B | $2\dfrac{5}{6}$ <br><br> Set B | $2\dfrac{1}{6}$ <br><br> Set B | $2\dfrac{5}{6}$ <br><br> Set B |

# Problem Cards  (Set C)

6th Grade - Readiness Standard 4 - 5.NF.1

**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**

| | | | | |
|---|---|---|---|---|
| $3 \frac{1}{4}$ <br> $+ 2 \frac{5}{8}$ <br> Set C | $4 \frac{3}{5}$ <br> $+ 2 \frac{5}{8}$ <br> Set C | $4 \frac{2}{5}$ <br> $+ 2 \frac{1}{4}$ <br> Set C | $4 \frac{3}{4}$ <br> $+ 2 \frac{7}{8}$ <br> Set C | $5$ <br> $- 2 \frac{3}{8}$ <br> Set C |
| $6 \frac{1}{5}$ <br> $- 1 \frac{5}{8}$ <br> Set C | $5 \frac{3}{4}$ <br> $- 1 \frac{7}{8}$ <br> Set C | $5 \frac{3}{8}$ <br> $- 2 \frac{4}{5}$ <br> Set C | $6 \frac{1}{4}$ <br> $- 2 \frac{4}{5}$ <br> Set C | $5$ <br> $- 2 \frac{7}{8}$ <br> Set C |

**Set C₂**

| | | | | |
|---|---|---|---|---|
| $3 \frac{1}{4}$ <br> $+ 2 \frac{5}{8}$ <br> Set C | $4 \frac{3}{5}$ <br> $+ 2 \frac{5}{8}$ <br> Set C | $4 \frac{2}{5}$ <br> $+ 2 \frac{1}{4}$ <br> Set C | $4 \frac{3}{4}$ <br> $+ 2 \frac{7}{8}$ <br> Set C | $5$ <br> $- 2 \frac{3}{8}$ <br> Set C |
| $6 \frac{1}{5}$ <br> $- 1 \frac{5}{8}$ <br> Set C | $5 \frac{3}{4}$ <br> $- 1 \frac{7}{8}$ <br> Set C | $5 \frac{3}{8}$ <br> $- 2 \frac{4}{5}$ <br> Set C | $6 \frac{1}{4}$ <br> $- 2 \frac{4}{5}$ <br> Set C | $5$ <br> $- 2 \frac{7}{8}$ <br> 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 | | Set C₂ | |
|---|---|---|---|
| $5\dfrac{7}{8}$  <br> Set C | $4\dfrac{23}{40}$  <br> Set C | $5\dfrac{7}{8}$  <br> Set C | $4\dfrac{23}{40}$  <br> Set C |
| $7\dfrac{9}{40}$  <br> Set C | $3\dfrac{7}{8}$  <br> Set C | $7\dfrac{9}{40}$  <br> Set C | $3\dfrac{7}{8}$  <br> Set C |
| $6\dfrac{18}{20}$  <br> Set C | $2\dfrac{23}{40}$  <br> Set C | $6\dfrac{18}{20}$  <br> Set C | $2\dfrac{23}{40}$  <br> Set C |
| $7\dfrac{5}{8}$  <br> Set C | $3\dfrac{9}{20}$  <br> Set C | $7\dfrac{5}{8}$  <br> Set C | $3\dfrac{9}{20}$  <br> Set C |
| $2\dfrac{5}{8}$  <br> Set C | $2\dfrac{1}{8}$  <br> Set C | $2\dfrac{5}{8}$  <br> Set C | $2\dfrac{1}{8}$  <br> Set C |