Independent Practice 1 (You Do)

Learning Target: I will add and subtract integers between -10 and 10.

Title of Game: "Add the Opposite to Subtract: Match-ups"

Number of Players: 2

Objective: To be the first player to match all 5 cards.

Materials:

- Subtraction Cards (1 set)
- Add the Opposite Cards (1 set)
- Add the Opposite to Subtract: Recording sheet (1 per student - Optional)

Directions:

- Place a set of **Add the Opposite Cards** face-down in a row.
- Place a set of **Subtraction Cards** face-up underneath the row, 5 for each player.

- Player 1 turns over a **Add the Opposite Card** to see if it matches one of their **Subtraction cards**.
  - If there is an equivalent expression, say the addition expression, describe how to get the answer and the answer. Then, pick up the card and place it below your card.
  - If there is not an equivalent expression, then say "Not Equivalent" and turn the card back over.
- Player 2 turns over an **Add the Opposite Card** to see if it matches one of their **Subtraction cards**.
  - If there is an equivalent expression, say the addition expression, describe how to get the answer and the answer. Then, pick up the card and place it below your card.
  - If there is not an equivalent expression, then say "Not Equivalent" and turn the card back over.
- Repeat
- The winner is the first player to match all 5 cards.

Math Talk:

"I have an equivalent expression… negative 2 plus 6 has 2 zero pairs and 4 more positives"

Subtraction Cards (Set A)

8th Grade - Readiness Standard 1 - 7.NS.1d

Storage Suggestions: Copy the **Subtraction** cards and **Add the Opposite** cards in two different colors. Store 1 set of each in a sealable bag for each pair of students.

(-2) – (-6) *Set A*	(-8) – (-6) *Set A*
4 – (-3) *Set A*	1 – (-4) *Set A*
(-5) – (-2) *Set A*	(-9) – (-2) *Set A*
3 – 7 *Set A*	4 – 9 *Set A*
6 – (-4) *Set A*	7 – (-5) *Set A*

Add the Opposite Cards (Set A)

8th Grade - Readiness Standard 1 - 7.NS.1d

Storage Suggestions: Copy the **Subtraction** cards and **Add the Opposite** cards in two different colors.
Store 1 set of each in a sealable bag for each pair of students.

(-2) + (+6) *Set A*	(-8) + (+6) *Set A*
4 + (+3) *Set A*	1 + (+4) *Set A*
(-5) + (+2) *Set A*	(-9) + (+2) *Set A*
3 + (-7) *Set A*	4 + (-9) *Set A*
6 + (+4) *Set A*	7 + (+5) *Set A*

Storage Suggestions: Copy the **Subtraction** cards and **Add the Opposite** cards in two different colors. Store 1 set of each in a sealable bag for each pair of students.

(-4) – (-6) *Set B*	(-9) – (-6) *Set B*
5 – (-3) *Set B*	2 – (-4) *Set B*
(-6) – (-2) *Set B*	(-7) – (-2) *Set B*
4 – 7 *Set B*	5 – 9 *Set B*
7 – (-4) *Set B*	8 – (-5) *Set B*

Storage Suggestions: Copy the **Subtraction** cards and **Add the Opposite** cards in two different colors.
Store 1 set of each in a sealable bag for each pair of students.

(-4) + (+6) *Set B*	(-9) + (+6) *Set B*
5 + (+3) *Set B*	2 + (+4) *Set B*
(-6) + (+2) *Set B*	(-7) + (+2) *Set B*
4 + (-7) *Set B*	5 + (-9) *Set B*
7 + (+4) *Set B*	8 + (+5) *Set B*

Name _____ Date _____

Learning Target: I will add integers between -10 and 10

Independent Practice 1: Add the Opposite to Subtract
(Recording Sheet)

Directions:

➢ Record the subtraction expression cards for each player

➢ As each equivalent subtraction expression is found, record the expression and answer below its match.

Math Talk:

"I have an equivalent expression… negative 2 plus 6 has 2 zero pairs and 4 extra positives"

Player 1

___ − ___ = ___	___ − ___ = ___	___ − ___ = ___	___ − ___ = ___	___ − ___ = ___
___ + ___ = ___	___ + ___ = ___	___ + ___ = ___	___ + ___ = ___	___ + ___ = ___

Player 2

___ − ___ = ___	___ − ___ = ___	___ − ___ = ___	___ − ___ = ___	___ − ___ = ___
___ + ___ = ___	___ + ___ = ___	___ + ___ = ___	___ + ___ = ___	___ + ___ = ___

Independent Practice 2 (You Do)

8th Grade - Readiness Standard 1 - 7.NS.1d

Learning Target: I will add and subtract integers between -10 and 10.

Title of Game: Build the Smallest Sum

Number of Players: 2

Objective: To build two numbers with the smallest sum.

Materials: 1 set of integer cards <u>and</u> 1 recording sheet per player.

Directions:

➢ Shuffle the integer cards and deal each player 12 cards

➢ Each player chooses 2 integer cards and place them on the game mat.

➢ After both integer addition problems have been created, each player writes their problem on the recording sheet and finds their sum.

➢ Each player shares their problem. Example

➢ *"I had -6 and 8, my sum is 2."*

➢ The player with the smallest sum circles the problem on their recording sheet.

➢ Repeat for 6 rounds total. If a player draws a WILD card they can select any integer from -10 to 10 to represent the value of the card.

➢ The winner of the game is the player with the most problems circled.

Game Mat

Player 1

Player 2

Learning Target: I will add integers between -10 and 10

Independent Practice 2: Build the Smallest Sum
(Recording Sheet)

Round 1	Round 2
Round 3	**Round 4**
Round 5	**Round 6**

Learning Target: I will add and subtract integers between -10 and 10.

Title of Game: Build the Greatest Difference

Number of Players: 2

Objective: To build two numbers with the greatest difference.

Materials: 1 set of integer cards and 1 recording sheet per player.

Directions:

➢ Shuffle the integer cards and deal each player 12 cards

➢ Each player chooses 2 integer cards and place them on the game mat.

➢ After both integer subtraction problems have been created, each player writes their problem on the recording sheet and finds their difference.

➢ Each player shares their problem. Example

➢ *"I had -6 and 8, my difference is -14."*

➢ The player with the greatest difference circles the problem on their recording sheet.

➢ Repeat for 6 rounds total. If a player draws a WILD card they can select any integer from -10 to 10 to represent the value of the card.

➢ The winner of the game is the player with the most problems circled.

Game Mat

Player 1

Player 2

Learning Target: I will add integers between -10 and 10

Independent Practice 3: Build the Greatest Difference
(Recording Sheet)

Round 1	Round 2
Round 3	Round 4
Round 5	Round 6

Integer Cards

8th Grade - Readiness Standard 1 - 7.NS.1d

0	1	2	3	4
5	6	7	8	9
10	-1	-2	-3	-4
-5	-6	-7	-8	-9
-10	0	Wild	Wild	