



Independent Practice (You Do)

8th Grade - Readiness Standard 2 - 7.NS.2c

Learning Target: I will multiply and divide by integers between -10 and 10

Title of Game: “Multiply and Divide Integer: Match-ups”

Number of Players: 2

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

Materials:

- Multiply and Divide Integers: **Problem Cards** (1 set)
- Multiply and Divide Integers: **Answer Cards** (1 set)
- Making Meaning: Match-ups: Recording sheet (1 per student - Optional)

Directions:

- Place a set of **Problem Cards** face-down in a row.
- Place a set of **Answer Cards** face-up underneath the row, 5 for each player.
- Player 1 turns over a **Problem Card** to see if it matches one of their **Answer 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 a **Problem Card** to see if it matches one of their **Answer 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 Equal” 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... 2 groups of 3 negatives is equal to 6 negatives.”



Multiply and Divide Integers: Problem Cards (Set A)

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Storage Suggestions: Copy the **Equation (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.

$$5(-6) = \underline{\quad}$$

Set A

$$-5(-6) = \underline{\quad}$$

Set A

$$-7(8) = \underline{\quad}$$

Set A

$$-7 \times -8 = \underline{\quad}$$

Set A

$$-6(-8) = \underline{\quad}$$

Set A

$$6(-8) = \underline{\quad}$$

Set A

$$-28 \div -7 = \underline{\quad}$$

Set A

$$-28 \div 7 = \underline{\quad}$$

Set A

$$56 \div -7 = \underline{\quad}$$

Set A

$$-56 \div -7 = \underline{\quad}$$

Set A



Multiply and Divide Integers: Answer Cards (Set A)

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Storage Suggestions: Copy the **Equation (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.

-30 <i>Set A</i>	30 <i>Set A</i>
-56 <i>Set A</i>	56 <i>Set A</i>
48 <i>Set A</i>	-48 <i>Set A</i>
4 <i>Set A</i>	-4 <i>Set A</i>
-8 <i>Set A</i>	8 <i>Set A</i>



Multiply and Divide Integers: Problem Cards (Set B)

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Storage Suggestions: Copy the **Equation (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.

$$6(-7) = \underline{\quad}$$

Set B

$$-6(-7) = \underline{\quad}$$

Set B

$$-8(9) = \underline{\quad}$$

Set B

$$-8 \times -9 = \underline{\quad}$$

Set B

$$-7(-9) = \underline{\quad}$$

Set B

$$7(-9) = \underline{\quad}$$

Set B

$$-27 \div -3 = \underline{\quad}$$

Set B

$$-27 \div 3 = \underline{\quad}$$

Set B

$$54 \div -9 = \underline{\quad}$$

Set B

$$-54 \div -9 = \underline{\quad}$$

Set B



Multiply and Divide Integers: Answer Cards (Set B)

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Storage Suggestions: Copy the **Equation (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.

-42 <i>Set B</i>	42 <i>Set B</i>
-72 <i>Set B</i>	72 <i>Set B</i>
63 <i>Set B</i>	-63 <i>Set B</i>
9 <i>Set B</i>	-9 <i>Set B</i>
-6 <i>Set B</i>	6 <i>Set B</i>