Math Talk Samples

| Set A	Set B	Set C	Set D
(-4) – (-6)	(-4) + (+6)	+1 +1 +1 +1 +1 -1 -1 -1 -1	+2

Add/Subtract Integers: Card Sort

Group size – 2 or 3 students

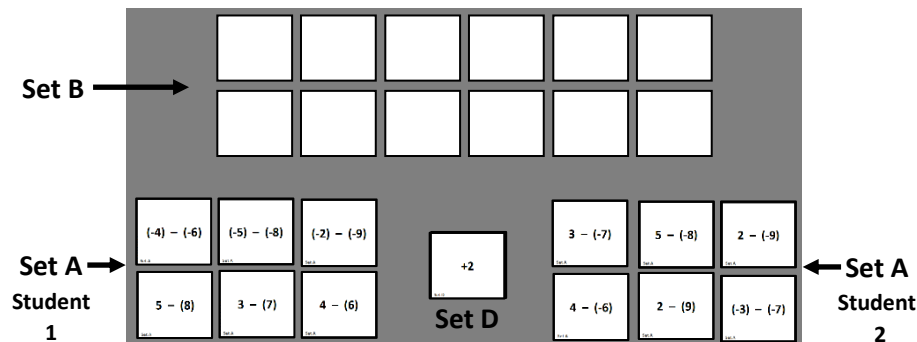|	
1 Shuffle each **Set A, B, C and D**. (Keep in separate piles) **2** Place all **Set A** cards face up in two columns. **Set A** → Column 1 (-4) – (-6) 5 – (8) (-2) – (-9) **Set B** → (-4) + (+6) (-5) – (-8) **Set C** → [red/white grid card] 4 – (6) **Set D** → +2 3 – (7) **Set A** → Column 2 4 – (-6) 5 – (-8) 2 – (-9) 3 – (-7) 2 – (9) (-3) – (-7)	**3** Take turns, choose the top card from **Set B**, place it next to the matching card from **Set A**. Describe each match up. **4** Continue to take turns with **Set C** cards. Describe each match up. **5** Continue to take turns with **Set D** cards. Describe each match up.
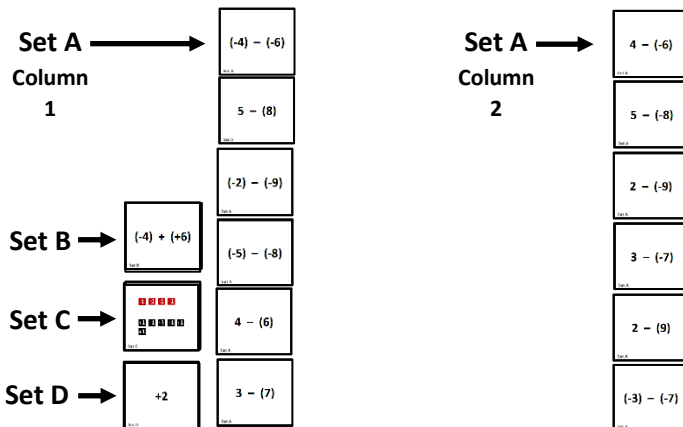
Math Talk Samples

Set A	Set B	Set C	Set D
(-4) − (-6)	(-4) + (+6)	+1 +1 +1 +1 +1 / -1 -1 -1 -1	+2

DELTA MATH
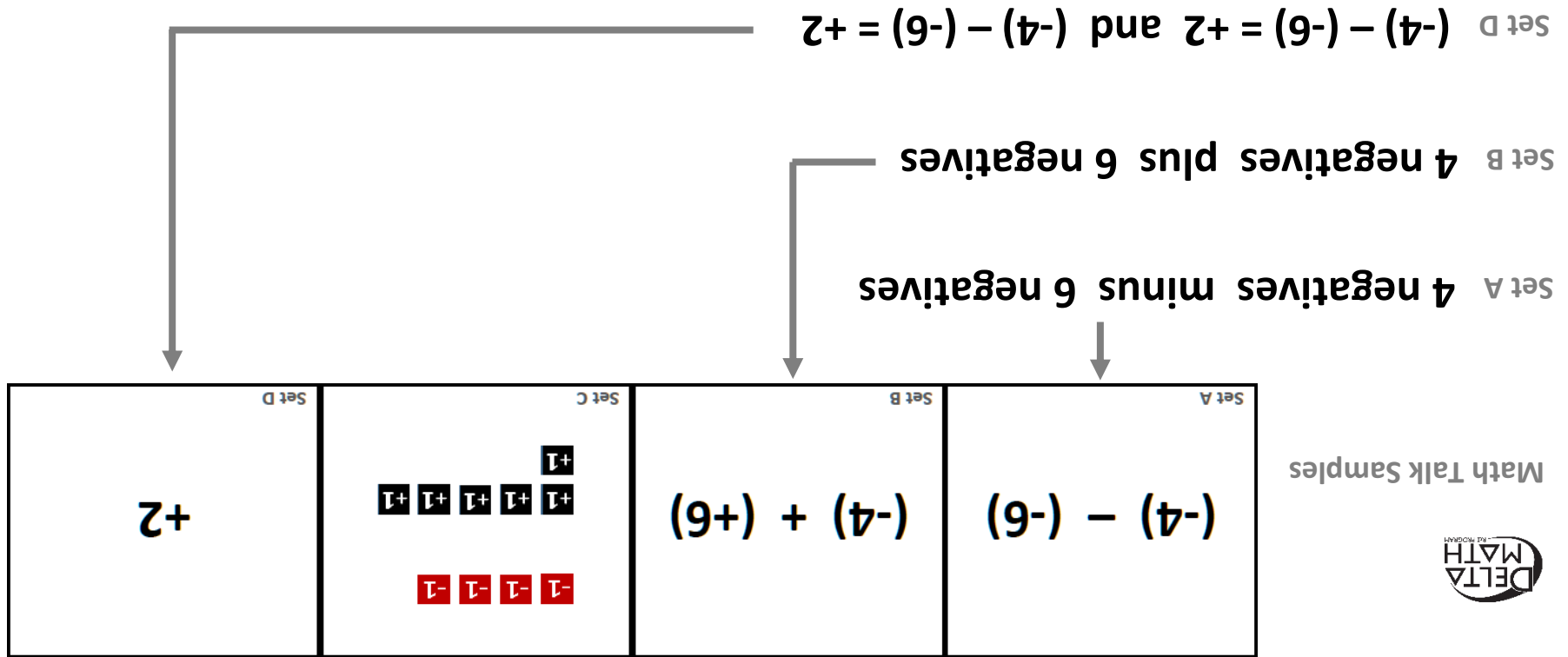
Add/Subtract Integers: Match-Up #1

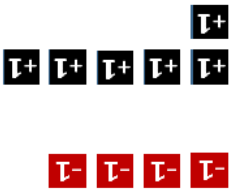Group size – 2 students

DELTA MATH — RtI PROGRAM

1 Shuffle **Sets A, B and D.** (Keep in separate piles)

2 Place all **Set B** cards face down.

3 Place 6 **Set A** cards face up for each player.

4 Place all **Set D** cards in one pile for both players.

Set B →

Set A →
Student 1

(-4) − (-6)	(-5) − (-8)	(-2) − (-9)		3 − (-7)	5 − (-8)	2 − (-9)
5 − (8)	3 − (7)	4 − (6)	+2	4 − (-6)	2 − (9)	(-3) − (-7)

Set D

← Set A Student 2

5 Student 1, choose a card from **Set B** and flip it face up.

- If a card from your **Set A** matches, describe the match and place the **Set B** card on top of it. Then, find and place the matching card from **Set D** on the pair.

- If a card from your **Set A** <u>does not</u> match, flip the card back over to be face down.

6 Student 2 takes a turn. Continue taking turns. The player to make 6 matches wins the game.

Set A	Set B	Set C	Set D
(-4) – (-6)	(-4) + (+6)	+1 +1 +1 +1 +1 -1 -1 -1 -1	+2

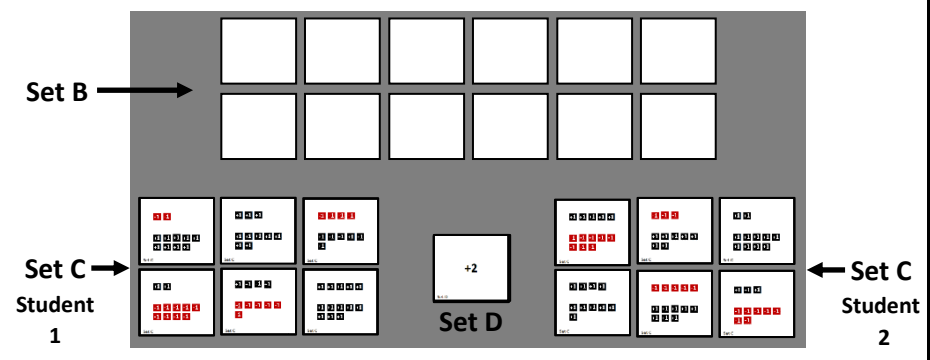DELTA MATH

Add/Subtract Integers: Match-Up #2

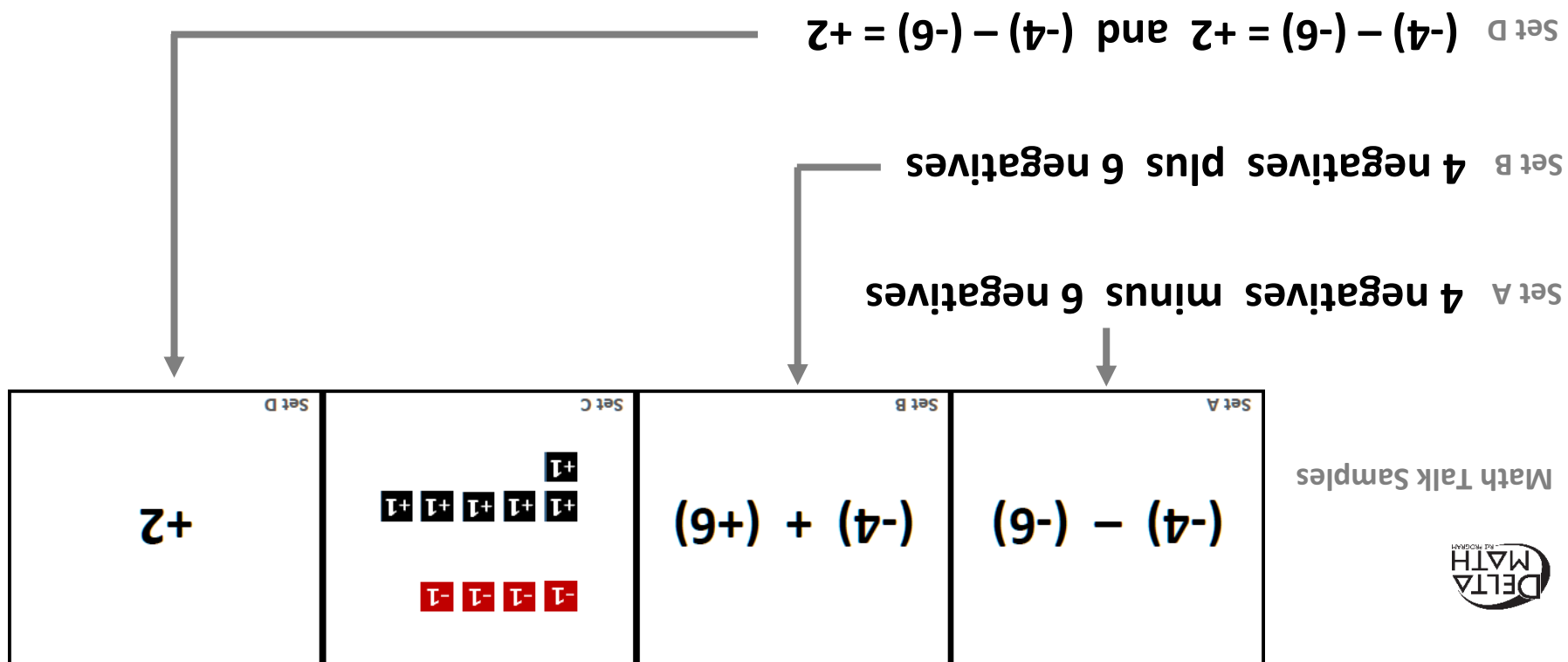Group size – 2 students

1 Shuffle **Sets B, C and D.** (Keep in separate piles)

2 Place all **Set B** cards face down.

3 Place 6 **Set C** cards face up for each player.

4 Place all **Set D** cards in one pile for both players.

Set B →

Set C →
Student 1

Set D

Set C →
Student 2

5 Student 1, choose a card from **Set B** and flip it face up.

- If a card from your **Set C** matches, describe the match and place the **Set B** card on top of it. Then, find and place the matching card from **Set D** on the pair.

- If a card from your **Set C** does not match, flip the card back over to be face down.

6 Student 2 takes a turn. Continue taking turns. The player to make 6 matches wins the game.
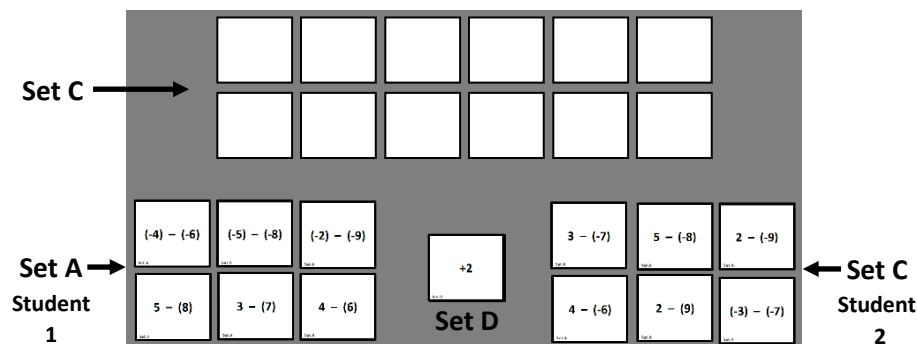
Set A	Set B	Set C	Set D
(-4) – (-6)	(-4) + (+6)	+1 +1 +1 +1 +1 / -1 -1 -1 -1	+2

Add/Subtract Integers: Match-Up #3

Group size – 2 students

1 Shuffle **Sets A, C and D.** (Keep in separate piles)

2 Place all **Set C** cards face down.

3 Place 6 **Set A** cards face up for each player.

4 Place all **Set D** cards in one pile for both players.

Set C →

Set A →
Student 1

| (-4) – (-6) | (-5) – (-8) | (-2) – (-9) |
| 5 – (8) | 3 – (7) | 4 – (6) |

+2
Set D

| 3 – (-7) | 5 – (-8) | 2 – (-9) |
| 4 – (-6) | 2 – (9) | (-3) – (-7) |

← Set C
Student 2

5 Student 1, choose a card from **Set C** and flip it face up.

- If a card from your **Set A** matches, describe the match and place the **Set C** card on top of it. Then, find and place the matching card from **Set D** on the pair.

- If a card from your **Set A** <u>does not</u> match, flip the card back over to be face down.

6 Student 2 takes a turn. Continue taking turns. The player to make 6 matches wins the game.
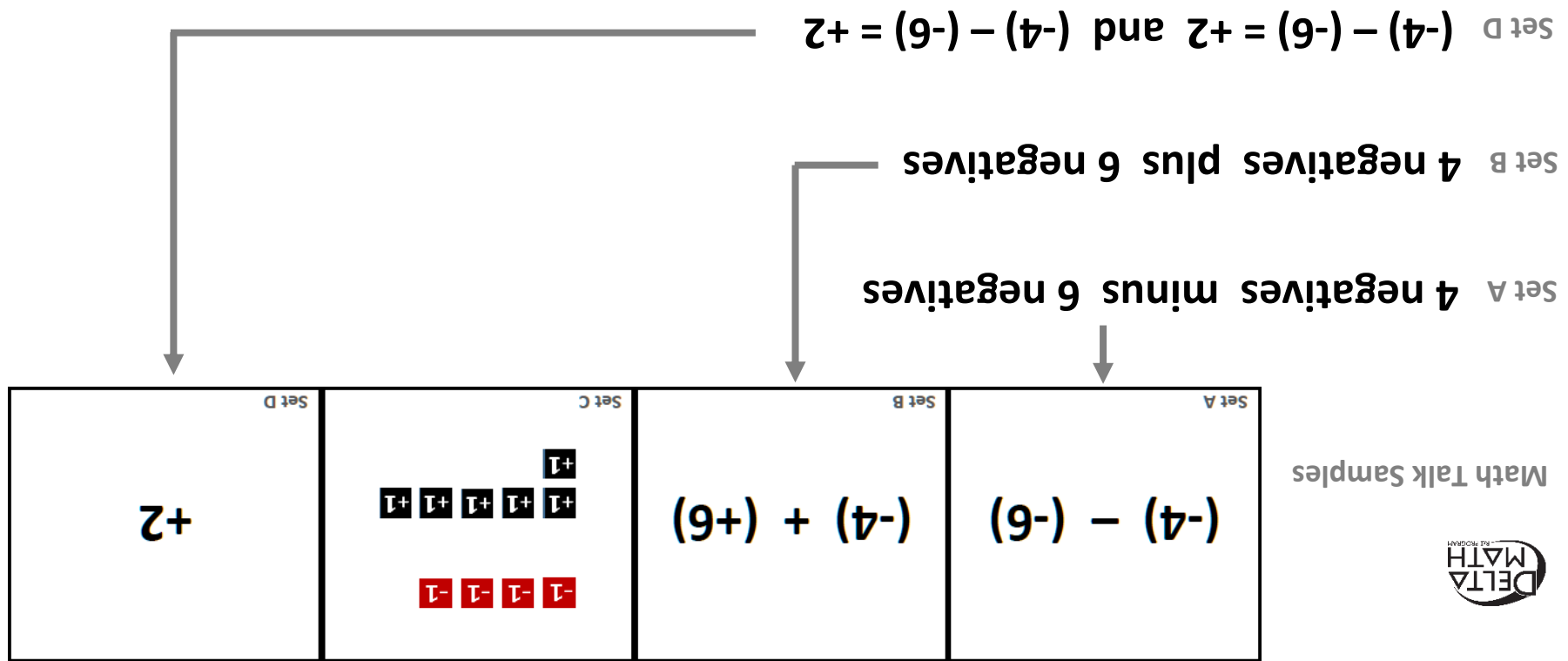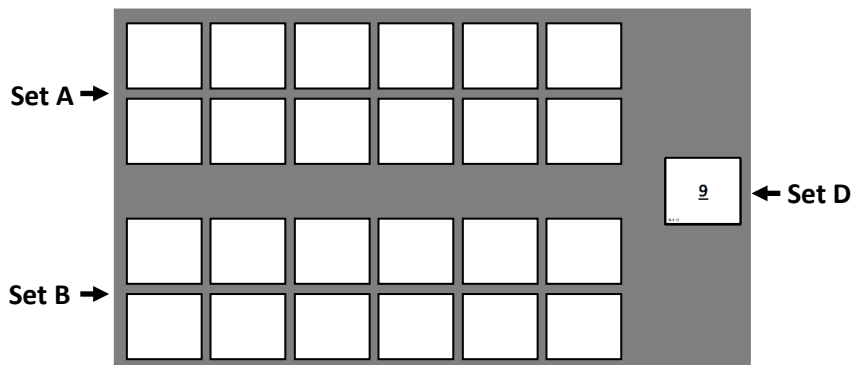
Math Talk Samples

Set A	Set B	Set C	Set D
(-4) − (-6)	(-4) + (+6)	+1 +1 +1 +1 +1 / -1 -1 -1 -1	+2

DELTA MATH

Add/Subtract Integers: Concentration #1

Group Size – 2 or 3 Students

1 Shuffle **Sets A, B and D.** (Keep in separate piles)

2 Place all **Set A** cards and all **Set B** cards face down.

3 Place all **Set D** cards in one pile for both players.
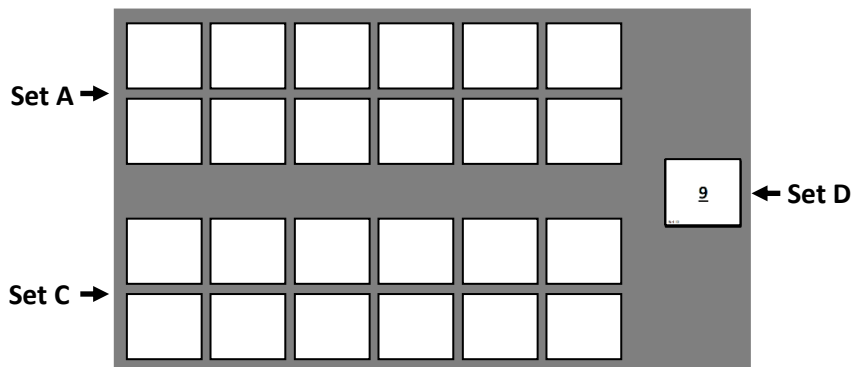
Set A ➜

9 ← Set D

Set B ➜

4 Student 1, choose a card from **Set A** and flip it face up. Then, choose a card from **Set B** and flip it face up.

- If the cards match, describe the match and keep both cards. Then, find the matching card from **Set D** and add it to the pair.

- If the cards <u>do not</u> match, flip both cards back over.

5 Student 2 takes a turn. Continue taking turns. The player with the most matches wins the game.
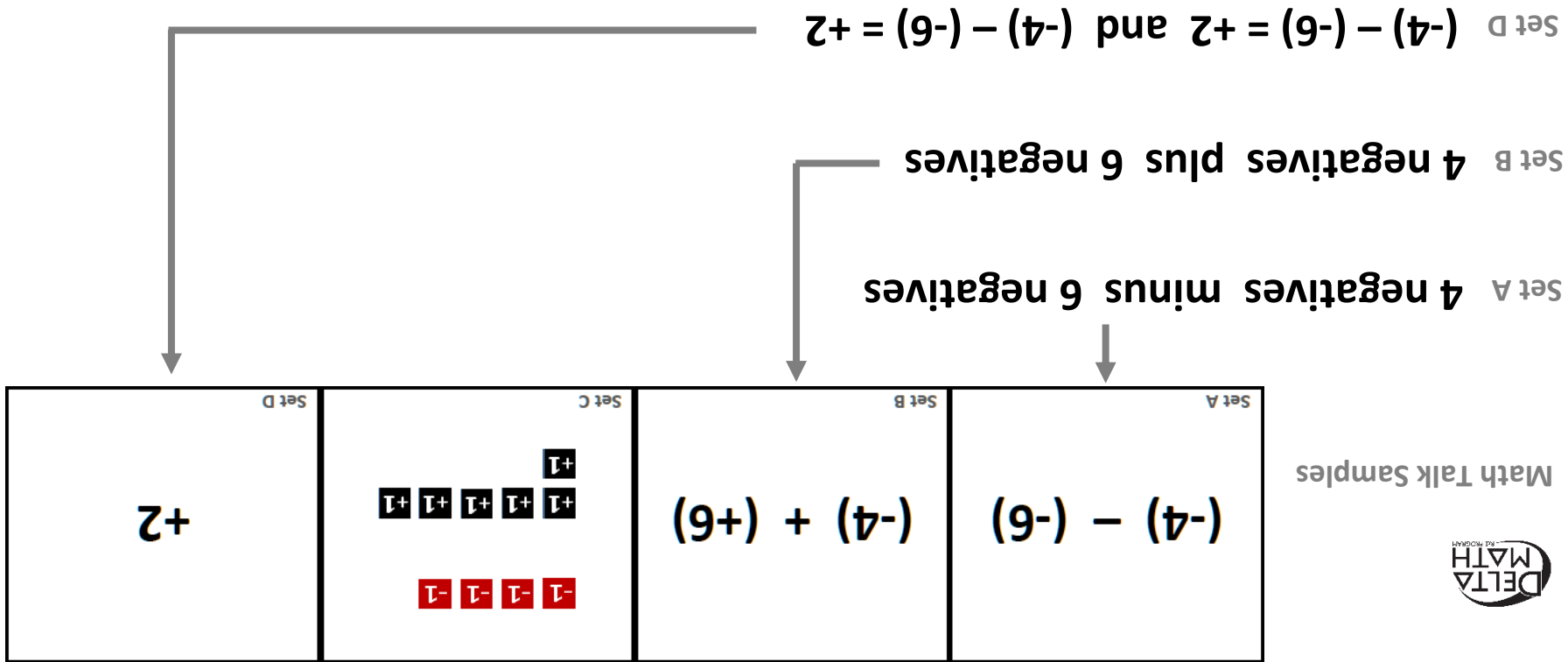
Math Talk Samples

Set A	Set B	Set C	Set D
$(-4) - (-6)$	$(-4) + (+6)$		$+2$
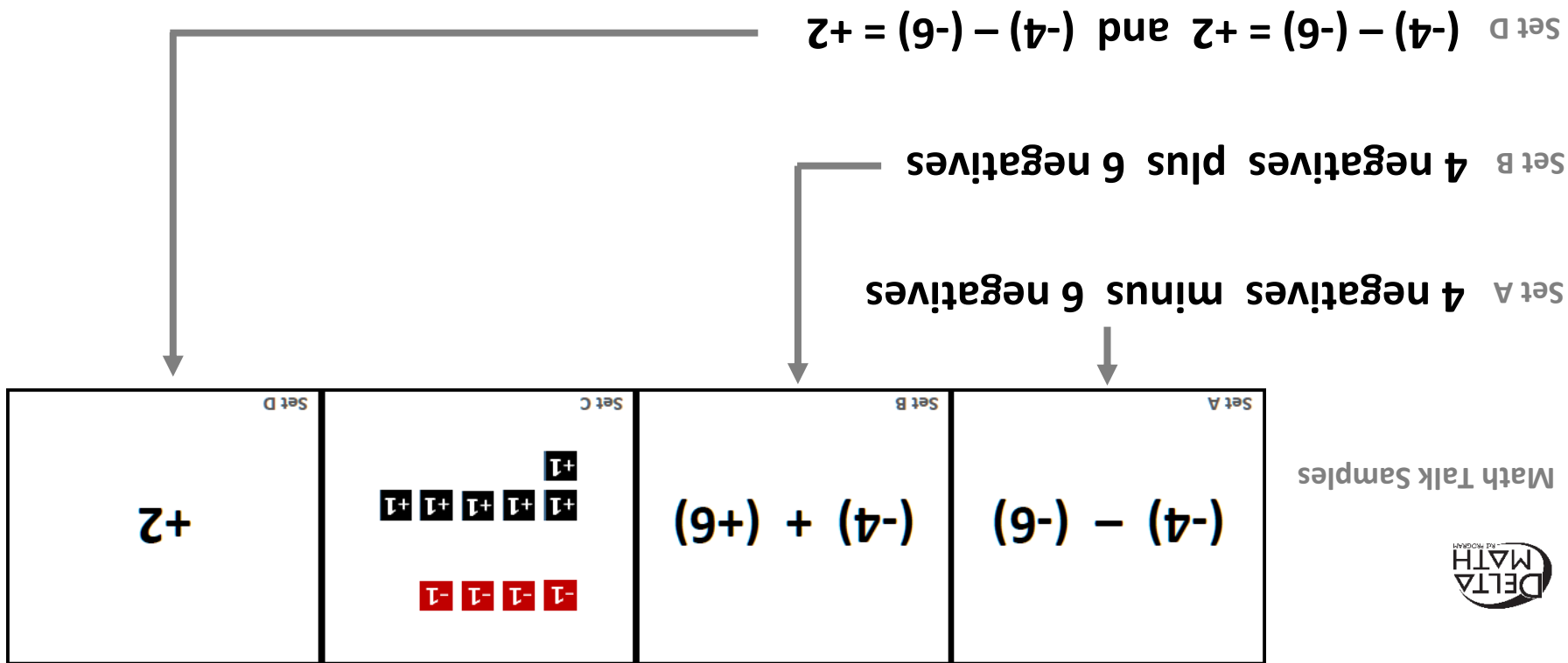
Add/Subtract Integers: Concentration #2

Group Size – 2 or 3 Students

1 Shuffle **Sets A, C and D.** (Keep in separate piles)

2 Place all **Set A** cards and all **Set C** cards face down.

3 Place all **Set D** cards in one pile for both players.
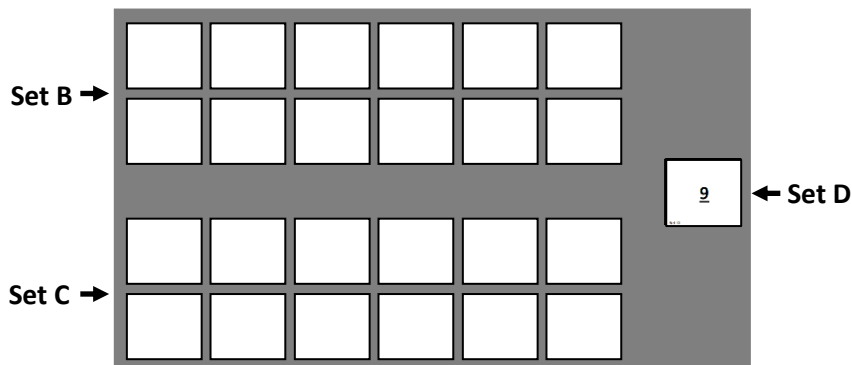
Set A →

← Set D

Set C →

4 Student 1, choose a card from **Set A** and flip it face up.
Then, choose a card from **Set C** and flip it face up.

- If the cards match, describe the match and keep both cards. Then, find the matching card from **Set D** and add it to the pair.

- If the cards do not match, flip both cards back over.

5 Student 2 takes a turn. Continue taking turns. The player with the most matches wins the game.

Set A	Set B	Set C	Set D
(-4) − (-6)	(-4) + (+6)	+1 +1 +1 +1 +1 / -1 -1 -1 -1	+2

Add/Subtract Integers: Concentration #3

Group Size – 2 or 3 Students

1 Shuffle **Sets B, C and D.** (Keep in separate piles)

2 Place all **Set B** cards and all **Set C** cards face down.

3 Place all **Set D** cards in one pile for both players.

Set B ➡

Set C ➡

9 ⬅ Set D

4 Student 1, choose a card from **Set B** and flip it face up. Then, choose a card from **Set C** and flip it face up.

- If the cards match, describe the match and keep both cards. Then, find the matching card from **Set D** and add it to the pair.

- If the cards <u>do not</u> match, flip both cards back over.

5 Student 2 takes a turn. Continue taking turns. The player with the most matches wins the game.