



Outcome 1 - Adding Negatives

Bronze examples

Examples...

$-3 + 5 = 2$ Start at -3...
...go UP by 5!

$-4 + 9 = 5$ Start at -4...
...go UP by 9!

$-7 + 2 = -5$ Start at -7...
...go UP by 2!

Silver examples

Examples...

Start at -17...go UP by 38!
 $-17 + 38 = 21$

Start at -31...go UP by 19!
 $-31 + 19 = -12$

Start at -93...go UP by 37!
 $-93 + 37 = -56$

Gold examples

Examples...

Start at 3...
...go DOWN by 9!
 $3 + (-9) = -6$

Start at -1...
...go DOWN by 8!
 $-1 + (-8) = -9$

Start at 7...
...go DOWN by 7!
 $7 + (-7) = 0$

Start at -32...
...go DOWN by 18!
 $-32 + (-18) = -50$

Bronze Questions

1 $-3 + 6$	2 $-4 + 9$	3
3 $-2 + 4$	4 $-1 + 8$	
5 $-7 + 9$	6 $-8 + 3$	
7 $-4 + 2$	8 $-9 + 3$	
9 $-3 + 2$	10 $-1 + 1$	

Silver Questions

1 $-24 + 42$	2 $-53 + 61$	3
3 $-32 + 58$	4 $-37 + 62$	
5 $-25 + 73$	6 $-44 + 29$	
7 $-39 + 17$	8 $-63 + 25$	
9 $-77 + 48$	10 $-91 + 45$	

Gold Questions

1 $9 + (-12)$	2 $5 + (-11)$	3
3 $-6 + (-14)$	4 $-2 + (-15)$	
5 $25 + (-30)$	6 $19 + (-41)$	
7 $-36 + (-24)$	8 $-48 + (-17)$	
9 $-30 + (-50)$	10 $-22 + (-66)$	

Bronze Answers

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

Silver Answers

- | | | | |
|----|-----|-----|-----|
| 1. | 18 | 2. | 8 |
| 3. | 26 | 4. | 25 |
| 5. | 48 | 6. | -15 |
| 7. | -22 | 8. | -38 |
| 9. | -29 | 10. | -46 |

Gold Answers

- | | | | |
|----|-----|-----|-----|
| 1. | -3 | 2. | -6 |
| 3. | -20 | 4. | -17 |
| 5. | -5 | 6. | -22 |
| 7. | -60 | 8. | -65 |
| 9. | -80 | 10. | -88 |