

Directed Number Addition & Subtraction



ANSWERS

Section A

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|------------------|------------------|-------------------|-------------------|
| 1) $-1 + 1 = 0$ | 6) $-2 + 2 = 0$ | 11) $3 - 3 = 0$ | 16) $-1 - 3 = -4$ |
| 2) $-1 + 2 = 1$ | 7) $1 - 2 = -1$ | 12) $-1 + 0 = -1$ | 17) $-3 + 1 = -2$ |
| 3) $-1 + 3 = 2$ | 8) $-4 + 1 = -3$ | 13) $-4 + 4 = 0$ | 18) $-5 + 1 = -4$ |
| 4) $1 - 3 = -2$ | 9) $-3 + 3 = 0$ | 14) $-1 - 2 = -3$ | 19) $-7 + 1 = -6$ |
| 5) $-2 + 1 = -1$ | 10) $5 - 4 = 1$ | 15) $-1 - 1 = -2$ | 20) $-8 - 1 = -9$ |

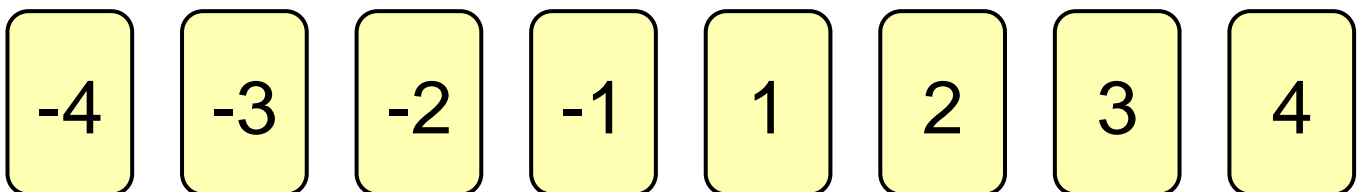
Section B

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|-------------------|-------------------|---------------------|--------------------|
| 1) $-3 + 1 = -2$ | 6) $6 - 8 = -2$ | 11) $-2 + 4 = 2$ | 16) $-8 - 7 = -15$ |
| 2) $-5 + 4 = -1$ | 7) $3 - 7 = -4$ | 12) $-1 + 9 = 8$ | 17) $-3 + 3 = 0$ |
| 3) $-12 + 7 = -5$ | 8) $9 - 11 = -2$ | 13) $-4 - 1 = -5$ | 18) $-5 + 5 = 0$ |
| 4) $-8 + 3 = -5$ | 9) $-6 + 9 = 3$ | 14) $-10 - 3 = -13$ | 19) $-2 + 1 = -1$ |
| 5) $4 - 5 = -1$ | 10) $-7 + 1 = -6$ | 15) $-6 - 6 = -12$ | 20) $-8 + 9 = 1$ |

Section C

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|--------------------|-------------------|---------------------|---------------------|
| 1) $-13 + 2 = -11$ | 6) $11 - 17 = -6$ | 11) $-4 + 19 = 15$ | 16) $-23 - 7 = -30$ |
| 2) $-15 + 6 = -9$ | 7) $15 - 22 = -7$ | 12) $-9 + 19 = 10$ | 17) $-15 + 16 = 1$ |
| 3) $-12 + 8 = -4$ | 8) $1 - 14 = -13$ | 13) $-7 - 10 = -17$ | 18) $-18 + 14 = -4$ |
| 4) $-18 + 5 = -13$ | 9) $-10 + 13 = 3$ | 14) $-12 - 8 = -20$ | 19) $-34 + 29 = -5$ |
| 5) $16 - 7 = 9$ | 10) $-9 + 15 = 6$ | 15) $-6 - 14 = -20$ | 20) $-61 + 69 = 8$ |

Section D: Answers vary



$\square + \square = 0$	$\square - \square = 0$	$\square + \square = -1$	$\square - \square = -5$
$\square + \square = 1$	$\square - \square = -1$	$\square + \square = -2$	$\square - \square = -6$
$\square + \square = 2$	$\square - \square = -2$	$\square + \square = -3$	$\square - \square = -7$
$\square + \square = 3$	$\square - \square = -3$	$\square + \square = -4$	$\square - \square = -8$