



Sums - Series of Integers M to N - Equation to Sum

1 What is the sum of the integers from 5 to 14 based on this equation?

$$\frac{14(14 + 1)}{2} - \frac{(5 - 1)5}{2}$$

- | | | | | |
|----|----|-----|----|----|
| A | B | C | D | E |
| 90 | 81 | 110 | 99 | 95 |

2 What is the sum of the integers from 3 to 8 based on this equation?

$$\frac{8(8 + 1)}{2} - \frac{(3 - 1)3}{2}$$

- | | | | | |
|----|----|----|----|----|
| A | B | C | D | E |
| 30 | 35 | 42 | 25 | 33 |

3 What is the sum of the integers from 2 to 8 based on this equation?

$$\frac{8(8 + 1)}{2} - \frac{(2 - 1)2}{2}$$

- | | | | | |
|----|----|----|----|----|
| A | B | C | D | E |
| 36 | 35 | 44 | 27 | 33 |

4 What is the sum of the integers from 5 to 11 based on this equation?

$$\frac{11(11 + 1)}{2} - \frac{(5 - 1)5}{2}$$

- | | | | | |
|----|----|----|----|----|
| A | B | C | D | E |
| 45 | 51 | 60 | 68 | 56 |

5 What is the sum of the integers from 4 to 14 based on this equation?

- | | | | | |
|----|-----|-----|----|----|
| A | B | C | D | E |
| 95 | 102 | 114 | 99 | 85 |

6 What is the sum of the integers from 7 to 14 based on this equation?

$$\frac{14(14 + 1)}{2} - \frac{(7 - 1)7}{2}$$

- | | | | | |
|----|----|----|----|----|
| A | B | C | D | E |
| 99 | 70 | 90 | 84 | 77 |

7 What is the sum of the integers from 8 to 14 based on this equation?

$$\frac{14(14 + 1)}{2} - \frac{(8 - 1)8}{2}$$

- | | | | | |
|----|----|----|----|----|
| A | B | C | D | E |
| 69 | 77 | 92 | 63 | 84 |

8 What is the sum of the integers from 4 to 12 based on this equation?

$$\frac{12(12 + 1)}{2} - \frac{(4 - 1)4}{2}$$

- | | | | | |
|----|----|----|----|----|
| A | B | C | D | E |
| 60 | 68 | 72 | 75 | 85 |