

Name : _____

Evaluate the Arithmetic Series

Mixed: S2

Evaluate each arithmetic series.

1) $-7 - 11 - 15 - \dots$ upto 39 terms

2) $a_1 = \frac{2}{7}, a_n = -\frac{30}{7}, n = 9$

3) $a_1 = 16, a_n = 133,$

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5) $\sum_{b=1}^7 (2.5 - 4(b -$

$\frac{3h}{75} + \dots$ upto 12 terms

7) $-\frac{5}{9} + \frac{2}{9} + 1 + \dots$ upto 4 terms

8) $a_1 = -17, a_n = 118, n = 16$

Evaluate the Arithmetic Series

Evaluate each arithmetic series.

1) $-7 - 11 - 15 - \dots$ upto 39 terms

-3237

2) $a_1 = \frac{2}{7}, a_n = -\frac{30}{7}, n = 9$

-18

3) $a_1 = 16, a_n = 133,$

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5) $\sum_{b=1}^7 (2.5 - 4(b -$

-80.5

$75) + \dots$ upto 12 terms

7) $-\frac{5}{9} + \frac{2}{9} + 1 + \dots$ upto 4 terms

 $\frac{22}{9}$ or $2\frac{4}{9}$

8) $a_1 = -17, a_n = 118, n = 16$

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