

Name : _____

Evaluate the Arithmetic Series

T2S2

Evaluate each arithmetic series.

1) $\sum_{q=1}^{12} (3.6q - 0.5)$

2) $\sum_{p=1}^{13} \left(\frac{25(p-1)}{4} + 33 \right)$

3) $\sum_{r=1}^{29} (3.1 -$

PREVIEW

$2 + 6(k - 1))$

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5) $\sum_{t=1}^6 \left(-\frac{23}{2}t \right)$

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$+ 7s)$

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7) $\sum_{h=1}^9 (5 - 43h)$

8) $\sum_{u=1}^{44} (4(u + 1) - 12)$