Determine the number of terms(n) in each series.

1) 
$$\sum_{z=1}^{n} 8z^{3} = 426888$$

2) 
$$\sum_{b=1}^{n} (2b-1) = 225$$

3) 
$$\sum_{t=1}^{n} (6 + 9t)$$

## 3) $\sum_{t=1}^{n} (6+9t) = \mathbf{PREVIEW}$

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7) 
$$\sum_{f=1}^{n} (17 + f) = 1617$$

8) 
$$\sum_{y=1}^{n} 4y = 1200$$