Name : _____

Arithmetic Series

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

1) $37 + 41 + 45 + \dots$ upto n terms $= 2262$

2) $-25 - 34 - 43 - \dots$ upto n terms $= -2014$

3) $35 + 46 + 57 + \dots$ upt[o] ... upto n terms $= \dfrac{154}{3}$

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5) $-72.7 - 47.7 - 22.7 +$ ... $+ \dots$ upto n terms $= 54\sqrt{2}$

7) $25.3 + 26.1 + 26.9 + \dots$ upto n terms $= 577.8$

8) $\dfrac{7}{4} - \dfrac{17}{4} - \dfrac{41}{4} - \dots$ upto n terms $= -\dfrac{455}{4}$