Name : _____

Finite Arithmetic Sequence

Find the number of terms(n) of each sequence.

1) $-2.5, -8, -13.5, -19, \dots -35.5$

2) $-\dfrac{3}{4}, \dfrac{7}{4}, \dfrac{17}{4}, \dfrac{27}{4}, \dots \dfrac{327}{4}$

3) $1, -2, -5, -8, \dots$ ... 102

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5) $\dfrac{1}{2}, 1, \dfrac{3}{2}, 2, \dots$ 4 . 132

7) $-0.1, 3, 6.1, 9.2, \dots 34$

8) $\sqrt{50}, \sqrt{8}, -\sqrt{2}, -\sqrt{32}, \dots -\sqrt{200}$