Name : _____

Finite Arithmetic Sequence

Find the number of terms(n) of the sequence, if the first term(a), common difference(d) and the last term(l) are given.

1) $a = -\dfrac{2}{3}$, $d = 3$, $l = \dfrac{34}{3}$

2) $a = 6$, $d = 4$, $l = 158$

3) $a = -3$, $d = 8$,

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-6 , $l = -202$

5) $a = 5\sqrt{2}$, $d = $

-3.5 , $l = -46$

7) $a = 11.1$, $d = -2.5$, $l = -13.9$

8) $a = 1$, $d = \dfrac{1}{2}$, $l = 21$