

## First Term & Common Difference of an Arithmetic Sequence

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Write the first term(a) and the common difference(d) of each arithmetic sequence.

1)  $-700, -750, -800, -850, -900, \dots$

$a = \underline{\hspace{2cm}}$  ;  $d = \underline{\hspace{2cm}}$

2)  $9.1, 2.6, -3.9, -10.4, -16.9, \dots$

$a = \underline{\hspace{2cm}}$  ;  $d = \underline{\hspace{2cm}}$

3)  $27.4, 23.4, 19.4, 15.4, 11.4, \dots$

$a = \underline{\hspace{2cm}}$  ;  $d = \underline{\hspace{2cm}}$

4)  $1, \frac{3}{4}, \frac{1}{2}, \frac{1}{4}, 0, \dots$

$a = \underline{\hspace{2cm}}$  ;  $d = \underline{\hspace{2cm}}$

5)  $\frac{2}{5}, \frac{16}{15}, \frac{26}{15}, \frac{12}{5}, \frac{46}{15}, \dots$

$a = \underline{\hspace{2cm}}$  ;  $d = \underline{\hspace{2cm}}$

6)  $2, 9, 16, 23, 30, \dots$

$a = \underline{\hspace{2cm}}$  ;  $d = \underline{\hspace{2cm}}$

7)  $18, 9, 0, -9, -18, \dots$

$a = \underline{\hspace{2cm}}$  ;  $d = \underline{\hspace{2cm}}$

8)  $-\frac{1}{3}, -\frac{10}{3}, -\frac{19}{3}, -\frac{28}{3}, -\frac{37}{3}, \dots$

$a = \underline{\hspace{2cm}}$  ;  $d = \underline{\hspace{2cm}}$

9)  $\sqrt{2}, -\sqrt{18}, -\sqrt{98}, -\sqrt{242}, -\sqrt{450}, \dots$

$a = \underline{\hspace{2cm}}$  ;  $d = \underline{\hspace{2cm}}$

10)  $-33, -48, -63, -78, -93, \dots$

$a = \underline{\hspace{2cm}}$  ;  $d = \underline{\hspace{2cm}}$