

Name : _____

First Term & Common Difference

Sheet 3

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

1) $-\frac{5}{7}, -\frac{3}{14}, \frac{2}{7}, \frac{11}{14}, \frac{9}{7}, \dots$

2) $59, 69, 79, 89, 99, \dots$

a = _____ ; d = _____

a = _____ ; d = _____

3) $8, 17.5, 27, 36.5, \dots$

$6, -8.6, -3.6, 1.4, \dots$

a = _____ ; d = _____

a = _____ ; d = _____

5) $70, 45, 20, -5, -30, \dots$

$\dots, 7, \dots$

a = _____ ; d = _____

a = _____ ; d = _____

7) $-150, -120, -90, \dots$

$\sqrt{63}, \sqrt{112}, \sqrt{175}, \dots$

a = _____ ; d = _____

a = _____ ; d = _____

9) $\frac{3}{5}, \frac{29}{15}, \frac{49}{15}, \frac{23}{5}, \frac{89}{15}, \dots$

10) $-8, -5, -2, 1, 4, \dots$

a = _____ ; d = _____

a = _____ ; d = _____

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