

Name : \_\_\_\_\_

Sheet 1

## First Term & Common Difference

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

1)  $-190, -290, -390, -490, -590, \dots$

a = \_\_\_\_\_ ; d = \_\_\_\_\_

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

a = \_\_\_\_\_ ; d = \_\_\_\_\_

3)  $77, 105, 133, 161, 189, \dots$

a = \_\_\_\_\_ ; d = \_\_\_\_\_

4)  $-\frac{3}{5}, \frac{0}{5}, \frac{3}{5}, \frac{6}{5}, \frac{9}{5}, \dots$

a = \_\_\_\_\_ ; d = \_\_\_\_\_

5)  $\frac{1}{10}, \frac{3}{10}, \frac{5}{10}, \frac{7}{10}, \frac{9}{10}, \dots$

a = \_\_\_\_\_ ; d = \_\_\_\_\_

6)  $101, 42, -17, -76, -135, \dots$

a = \_\_\_\_\_ ; d = \_\_\_\_\_

7)  $20.5, 12.4, 4.3, -3.8, -11.9, \dots$

a = \_\_\_\_\_ ; d = \_\_\_\_\_

8)  $1, 5, 9, 13, 17, \dots$

a = \_\_\_\_\_ ; d = \_\_\_\_\_

9)  $-10.2, -7.2, -4.2, -1.2, 1.8, \dots$

a = \_\_\_\_\_ ; d = \_\_\_\_\_

10)  $-44, -25, -6, 13, 32, \dots$

a = \_\_\_\_\_ ; d = \_\_\_\_\_