

State the **Domain** and **Range** of each **Set of Ordered Pairs**.

1) $\{(-1, 5), (-2, 1), (3, -3), (-5, -2)\}$	2) $\{(1, 2), (4, -5), (-3, -1), (-3, 3), (-1, -4)\}$
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Given the **Domain**, find the **Range** using the **function's equation**.

3) Domain: $\{1, 11, -7\}$ Equation: $y = 11x + 5$	4) Domain: $\{8, -3, 8\}$ Equation: $y = -4x + 12$
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Given the **Range**, find the **Domain** using the **function's equation**.

5) Range: $\{-19, -61, -49\}$ Equation: $y = -6x - 7$	6) Range: $\{-28, -8, 32\}$ Equation: $g(x) = -4x - 4$
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Examine each sequence and determine **a) the Type of Sequence**, **b) Common Number (Difference or Ratio)**, **c) the next 3 terms in the sequence**.

7) Sequence: $5, 15, 45$	8) Sequence: $-64, -56, -48$
9) Sequence: $14, 21, 28$	10) Sequence: $-3, -12, -48$