

Name : _____

Sheet 1

Union of Two Sets

Write the union of the following pairs of sets.

1) $A = \{7, 4, 3, 9, 1, 6\}$

$B = \{5, 2, 8\}$

$A \cup B =$ _____

2) $S = \{x, i, l, f, d, a, h, w\}$

$T = \{k, h, a, x, w\}$

$S \cup T =$ _____

3) $M = \{-81, -18, 28, 7, 80, 74, 54\}$

$N = \{54, 74, 7, 80, 28\}$

$M \cup N =$ _____

4) $C = \{\text{nine, one, six, ten, three}\}$

$D = \{\text{six, four, ten, five, one}\}$

$C \cup D =$ _____

5) $W = \{6, 12, 18, 24, 52, 36\}$

$X = \{30, 36, 42, 48, 52, 24\}$

$W \cup X =$ _____

6) $P = \{-11, 22, -33, -44, -55\}$

$Q = \{89, 61, 22, -11, -59\}$

$P \cup Q =$ _____

7) $J = \{\text{Norway, Boston}\}$

$K = \{\text{Belize, Boston, Norway}\}$

$J \cup K =$ _____

8) $G = \{m, o, t, e, r\}$

$H = \{c, a, r, b, o, n\}$

$G \cup H =$ _____

Name : _____

Sheet 1

Intersection of Two Sets

Write the intersection of the following pairs of sets.

1) $A = \{2, 4, 6, 8\}$

$B = \{0, 2, 5, 7, 8\}$

$A \cap B =$ _____

2) $S = \{-1, -2, -3, 7, 9\}$

$T = \{-2, -3, 11, 7, 4, 13\}$

$S \cap T =$ _____

3) $M = \{\text{turnip, onion, carrot, radish}\}$

$N = \{\text{onion, potato, carrot, lettuce}\}$

$M \cap N =$ _____

4) $X = \{i, b, k, m\}$

$Y = \{t, k, b, u, r, y\}$

$X \cap Y =$ _____

5) $J = \{e, a, c, i, m, r, s, f\}$

$K = \{i, u, t, m, s, d, f, r\}$

$J \cap K =$ _____

6) $P = \{71, 61, 87, 49, 53, 79, 23\}$

$Q = \{66, 79, 61, 71, -93\}$

$P \cap Q =$ _____

7) $F = \{21, 43\}$

$G = \{32, 43, 54, 65, 76\}$

$F \cap G =$ _____

8) $C = \{j, u, n, g, l, e\}$

$D = \{e, i, g, h, t\}$

$C \cap D =$ _____