

Intersection of Three Sets

Write the intersection of the three sets in each problem.

1) $V = \{-5, -1, -9, -7, -6, -8, -2\}$

2) $C = \{5, 15, 20, 35, 10, 40\}$

$W = \{-6, -2, 1, 2, 3, 14, 2, 5\}$

$D = \{35, 10, 40, 5, 15\}$

$X = \{-1, -8, -10, -9, -6, -2, -1, -5\}$

$E = \{10, 20\}$

$V \cap W \cap X = ?$

$C \cap D \cap E = ?$

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3) $A = \{p, q, r, s, t, u, v, w, x, y, z\}$

$B = \{d, e, f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z\}$

$C = \{a, b, c, d, e, f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z\}$

$A \cap B \cap C = ?$

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5) $R = \{\text{guitar, flute, violin, drum}\}$

$S = \{\text{violin, drum, flute, guitar}\}$

$G = \{\text{ones, hundreds, tens}\}$

$T = \{\text{p, q, r, s, t, u, v, w, x, y, z}\}$

$R \cap S \cap T = ?$

$F \cap G \cap H = ?$

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