

Difference of Sets

A) 1) If $J = \{v, d, e, f\}$ and $K = \{d, f, h, e, m, v\}$, find $K - J$.

$K - J =$ _____

2) If $C = \{42, 64, 72, 56, 46, 52\}$ and $L = \{52, 42, 72\}$, find $C - L$.

$C - L =$ _____

3) If $A =$

$A - B =$ _____

4) If $R = \{-21, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39, 42, 45, 48, 51, 54, 57, 60, 63, 66, 69, 72, 75, 78, 81, 84, 87, 90, 93, 96, 99\}$ and $S =$

$R - S =$ _____

B) 1) Which of the following represents $A - B$ if $A = \{a, d, e, f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z\}$ and $B = \{a, d, e, f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z\}$?

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

2) Which of the following represents $G - H$ if $G = \{87, -2, 17\}$ and $H = \{87\}$?

a) $\{17\}$ b) $\{-2\}$ c) $\{-2, 17\}$ d) $\{87\}$

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