

Difference of Sets

A) 1) If $B = \{\text{left, right}\}$, $C = \{\text{down, right}\}$, and $D = \{\text{right, up, left}\}$, find $B - (C \cap D)$.

$B - (C \cap D) =$

PREVIEW

2) If $L = \{10, 5, 30\}$, $M = \{1, 1, 25, 0\}$ and $N = \{, 1, \}$, find $(L \cup M) - N$.

(L U

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3) If $F =$

(G \cap

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B) 1) Which of the following represents $(F \cup G) - H$ if $F = \{-3, 5, -8, 3, -2, 9\}$, and $H = \{-3, 5, -8, 3, -2, 9\}$?

- a) $\{-4, -2, 3, 5, 9\}$ b) $\{4, -3, 8, -2\}$ c) $\{-4, 2, -3, 5, 9\}$ d) $\{$

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2) Which of the following represents $(U \cap V) - W$ if $U = \{t, v, d, c, l, s, y, u\}$, $V = \{c, p, v, s, d\}$ and $W = \{v, c\}$?

- a) $\{v, d, c\}$ b) $\{d, s, t\}$ c) $\{c, d, t\}$ d) $\{v, c, t\}$