

## Difference of Sets

A) 1) If  $W = \{f, x, n, i\}$ ,  $X = \{f, i, r, s, t\}$ , and  $Y = \{n, e, x, t\}$ , find  $(X \cup Y) - W$ .

$(X \cup Y) - W =$

# PREVIEW

2) If  $D = \{9, -85, 61\}$ ,  $E = \{-56, 0, -3, -9, 7, -45\}$  and  $F = \{2, 5, 1\}$ , find  $E - (D \cap F)$ .

$E - (D \cap F) =$

**Gain complete access to the largest collection of worksheets in all subjects!**

3) If  $R = \{1, 2, 3, 4, 5, 6, 7, 8, 9, 10\}$ ,  $S = \{2, 4, 6, 8, 10\}$ , and  $T = \{1, 3, 5, 7, 9\}$ , find  $T - (R \cap S)$ .

$T - (R \cap S) =$

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

B) 1) Which of the following represents  $(R \cap L) \cup K$  if  $R = \{sun, run\}$ ,  $L = \{gun, fun\}$ , and  $K = \{sun, run\}$ ?

- a)  $\{gun, fun\}$       b)  $\{sun, fun\}$       c)  $\{\}$       d)  $\{fun\}$

**[www.mathworksheets4kids.com](http://www.mathworksheets4kids.com)**

2) Which of the following represents  $(P \cup Q) - N$  if  $P = \{3, 7, 9, 17, 23, 5, 0\}$ ,  $Q = \{1, 5, 17\}$ , and  $N = \{7, 5, 17\}$ ?

- a)  $\{3, 8, 9, 17, 23\}$       b)  $\{7, 5, 1\}$       c)  $\{3, 7, 9, 23\}$       d)  $\{7, 5, 17\}$