mathskills4kids

Name: ..... Class: .....

Evaluate multi-variable expressions

Example : Find the values of the following expression.
$15 - x - y$. Where $x = 6$ and $y = 2$
substitude the values of x and y into the expression
$\Longrightarrow$ $15 - x - y = 15 - 6 - 2 = 7$
So, $15 - x - y = 7$

Evaluate multi variable expressions below and choose the best answer from the list.

a. $P^2 + q$. Where $p = 25$ and $q = 120$

☐ 625 ☐ 745 ☐ 645 ☐ 725

b. $(m + n) \div 5$. Where $m = 15$ and $n = 10$

☐ 25 ☐ 17 ☐ 3 ☐ 5

c. $x(y \div z + a)$. Where $x = 6$, $y = 18$, $z = 2$ and $a = 5$

☐ 84 ☐ 14 ☐ 54 ☐ 30

d. $p - (9 - (q+r))$. where $q = 4$, $p = 5$ and $r = 3$

☐ 2 ☐ 3 ☐ 8 ☐ -3

e. $(b^c - d) \div 6$. Where $c = 2$, $b = 5$ and $d = 1$

☐ 25 ☐ 24 ☐ 4 ☐ 12/3

f. $s - (5 - t - (u \div v))$. Where $s = 2$, $t = 3$, $u = 2$ and $v = 1$

☐ 2 ☐ 0 ☐ 1 ☐ 3

Solution

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c. x(y ÷ z + a). Where x = 6, y = 18, z = 2 and a = 5

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