

Name : \_\_\_\_\_

Score : \_\_\_\_\_

### Evaluate the Expressions: Multi-variables

Evaluate the algebraic expressions for the given values of each variable.

1)  $2c - d$  at  $c = 6, d = -3$

2)  $\frac{xz}{y}$  at  $x = 5, y = 2, z = 4$

3)  $m^2 + n$  at  $m = 2, n = 7$

4)  $p + q + r$  at  $p = 3, q = -8, r = 1$

5)  $xyz$  at  $x = -1, y = 4, z = 2$

6)  $uv^2$  at  $u = 3, v = 2$

7)  $ab + c$  at  $a = 2, b = 5, c = 4$

8)  $\frac{r}{s} - 1$  at  $r = -10, s = 2$

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**Answer Key****Evaluate the Expressions: Multi-variables**

Evaluate the algebraic expressions for the given values of each variable.

1)  $2c - d$  at  $c = 6, d = -3$

**15**

2)  $\frac{xz}{y}$  at  $x = 5, y = 2, z = 4$

**10**

3)  $m^2 + n$  at  $m = 2, n = 7$

**11**

4)  $p + q + r$  at  $p = 3, q = -8, r = 1$

**-4**

5)  $xyz$  at  $x = -1, y = 4, z = 2$

**-8**

6)  $uv^2$  at  $u = 3, v = 2$

**12**

7)  $ab + c$  at  $a = 2, b = 5, c = 4$

**14**

8)  $\frac{r}{s} - 1$  at  $r = -10, s = 2$

**-6**