

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

## Evaluate the Expressions: Multi-variables

MS4

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

1)  $pq^2$  at  $p = -4, q = -2$

2)  $\frac{rst}{8}$  at  $r = 3, s = 2, t = 8$

3)  $x + y + z$  at  $x = 10$

$y = 5, z = 7$

5)  $\frac{vw}{v-5} + w$  at  $v = 1$

$w = 3, b = 4, c = -1$

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7)  $m - 9n$  at  $m = 10, n = 1$

8)  $u - vw$  at  $u = -2, v = 3, w = 5$

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## Answer key

MS4

### Evaluate the Expressions: Multi-variables

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

1)  $pq^2$  at  $p = -4, q = -2$

**-16**

2)  $\frac{rst}{8}$  at  $r = 3, s = 2, t = 8$

**6**

3)  $x + y + z$  at  $x = 10$

**19**

$y = 5, z = 7$

5)  $\frac{vw}{v-5} + w$  at  $v = 1$

**12**

$w = 3, b = 4, c = -1$

7)  $m - 9n$  at  $m = 10, n = 1$

**1**

8)  $u - vw$  at  $u = -2, v = 3, w = 5$

**-17**

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