

Name : _____

Evaluate the Expressions: Multi-variables

DS4

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

1) $ab - 3$ at $a = 6, b = 4$

2) $2(u + v)$ at $u = -7, v = 5$

3) $\frac{xy}{z - x}$ at $x = \frac{3}{4}, y = -2, w = 4$

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5) $p - 2q$ at $p = \frac{1}{2}, q = -4, t = \frac{1}{3}$

$s = -4, t = \frac{1}{3}$

7) $\frac{m - n}{4}$ at $m = 10, n = 2$

8) fgh at $f = \frac{1}{3}, g = 8, h = -6$

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Answer key

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$\frac{4}{7}$

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$= -2, w = 4$

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$-\frac{11}{2}$

$s = -4, t = \frac{1}{3}$

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2

8) fgh at $f = \frac{1}{3}, g = 8, h = -6$

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