

## Evaluating Algebraic Expressions | Fractions

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Evaluate the following expressions.

1)  $4u + v$  at  $u = \frac{5}{6}, v = \frac{3}{4}$

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2)  $\frac{2a - 3b}{c}$  at  $a = \frac{1}{4}, b = \frac{8}{9}, c = \frac{5}{3}$

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3)  $x - \frac{8w}{3}$  at  $x = \frac{1}{2}, w = -\frac{9}{8}$

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4)  $6mn$  at  $m = \frac{7}{2}, n = \frac{4}{5}$

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5)  $pq^2 + r$  at  $p = \frac{6}{7}, q = \frac{2}{3}, r = \frac{5}{9}$

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6)  $d - e$  at  $d = \frac{1}{3}, e = -\frac{1}{9}$

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7) Evaluate  $\frac{y}{z}$  at the following values.

i)  $y = \frac{7}{5}, z = \frac{1}{6}$

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ii)  $y = -\frac{8}{7}, z = \frac{5}{4}$

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