

Name : _____

Evaluate the Expressions - Single Variable

DS4

Evaluate each algebraic expression for the given value of the variable.

1) $6p(p + 7)^2$ at $p = -5$

2) $\frac{9c}{24c^3 - 48c + 6}$ at $c = \frac{2}{3}$

3) $\frac{5}{2}(9 - 6s)$ at $s = 16$ at $m = 12$

5) $7v(31v^2 - 6)$ at $b = \frac{1}{2}$

7) $-5u + 2 - \frac{u^3}{8}$ at $y = -\frac{3}{4}$

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9) $\frac{6a(7a + 16)}{14}$ at $a = 7$

10) $3t^2 + 6t - 63$ at $t = -\frac{5}{2}$