Name : _____

Evaluate the Expressions - Single Variable

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

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

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

3) $\dfrac{5}{2}(9 - 6s)$ at

$- 16$ at $m = 12$

5) $7v(31v^2 - 6)$

at $b = \dfrac{1}{2}$

7) $-5u + 2 - \dfrac{u^3}{8}$

$- 6$ at $y = -\dfrac{3}{4}$

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

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