

Name : _____

Single-variable: S2

Multiplying Polynomials

Multiply the polynomials.

1) $\left(\frac{2}{3} + 2h^2\right)\left(-\frac{7}{2}h - 21h^3 + \frac{2}{7} - 6h^2\right)$

2) $\left(b - \frac{9}{8}\right)(-16b^4 - 24b^2 + 8b^3)$

3) $(-n^4 + n^3 + 5)(-7n -$

$v^6)(-v^4 - 3v^6)$

5) $(3y - y^2)(11 + 3y^5 -$

$+ 4q^4 - 2q^5)$

7) $(t + 13 + t^2)(-4 + 4t)$

8) $(-3u^4 + u^3 + u^2 + u)(-3u^2 + 11u)$

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