

Name : _____

Multiplying Binomials

Single-variable: S1

Multiply the following.

1) $(-9p + 11)(6p - 3)$

2) $(-7q^6 - q^4)(-2q^2 - q^5)$

3) $(-5y^4 - y^5)(-8y^5 + 2y^6)$

4) $\left(\frac{7}{8}b - \frac{3}{4}\right)\left(\frac{6}{7}b^3 + 24\right)$

5) $(11w^6 + w^3)(5w^3 + 1)$

6) $(-2c + c^2)(-4c + c^2)$

7) $\left(\frac{4}{5}a^5 - 4a\right)\left(-\frac{1}{3}a^6 - \frac{5}{3}a^2\right)$

8) $(6x + 9)(6x - 9)$