

Name:

Multiply the Polynomials

1) $4x^6(5x + y)$

2) $2(7x + 7y)$

3) $6(x - 2y)$

4) $5(2x + 5y)$

5) $3(6x + 3y)$

6) $2xy(6x + 3y)$

7) $3(6x + 8y)$

8) $6x^3y^3(3x - y)$

9) $2(7x - 4y)$

10) $5xy^2(8x + 6y)$

Answers

Question	Answer
1) $4x6(5x + y)$	$20x7 + 4x6 y$
2) $2(7x + 7 y)$	$14x + 14 y$
3) $6(x - 2 y)$	$6x - 12 y$
4) $5(2x + 5y)$	$10x + 25y$
5) $3(6x + 3y)$	$18x + 9y$
6) $2xy(6x + 3 y)$	$12x^2 y + 6xy^2$
7) $3(6x + 8 y)$	$18x + 24 y$
8) $6x^3 y^3 (3x - y)$	$18x4 y^3 - 6x^3 y4$
9) $2(7x - 4y)$	$14x - 8y$
10) $5xy^2 (8x + 6y)$	$40x^2 y^2 + 30xy^3$