

Mult Poly Quiz

Find each product.

1) $(2u - 5v)(6u^2 - 6uv - 8v^2)$

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

3) $(u - 4v)(5u^2 + 4uv + 3v^2)$

4) $(4u^2 - 3uv - 3v^2)(3u^2 + 5uv - 2v^2)$

5) $(6m^2 - 4mn + n^2)(3m^2 + 4mn - 8n^2)$

6) $(7m^2 + mn + 5n^2)(5m^2 + mn + 4n^2)$

7) $(3x + 4)(3x - 4)$

8) $(x - 1)(x + 1)$

9) $(r - 4)^2$

10) $(8a - 2)^2$

Mult Poly Quiz

Find each product.

1) $(2u - 5v)(6u^2 - 6uv - 8v^2)$
 $12u^3 - 42u^2v + 14uv^2 + 40v^3$

2) $(8x + 6y)(5x^2 - xy + 4y^2)$
 $40x^3 + 22x^2y + 26xy^2 + 24y^3$

3) $(u - 4v)(5u^2 + 4uv + 3v^2)$
 $5u^3 - 16u^2v - 13uv^2 - 12v^3$

4) $(4u^2 - 3uv - 3v^2)(3u^2 + 5uv - 2v^2)$
 $12u^4 + 11u^3v - 32u^2v^2 - 9uv^3 + 6v^4$

5) $(6m^2 - 4mn + n^2)(3m^2 + 4mn - 8n^2)$
 $18m^4 + 12m^3n - 61m^2n^2 + 36mn^3 - 8n^4$

6) $(7m^2 + mn + 5n^2)(5m^2 + mn + 4n^2)$
 $35m^4 + 12m^3n + 54m^2n^2 + 9mn^3 + 20n^4$

7) $(3x + 4)(3x - 4)$
 $9x^2 - 16$

8) $(x - 1)(x + 1)$
 $x^2 - 1$

9) $(r - 4)^2$
 $r^2 - 8r + 16$

10) $(8a - 2)^2$
 $64a^2 - 32a + 4$