

Find each product.

1) $7v^2(5u^2 - 7uv + 8v^2)$

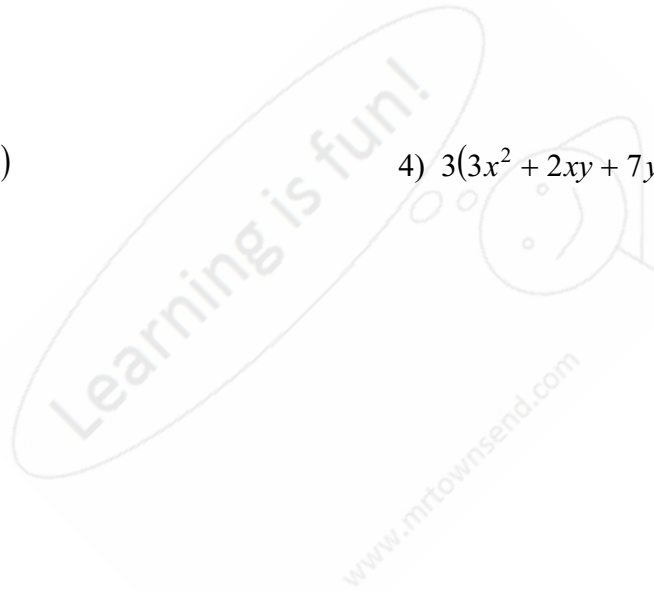
2) $4(6x^2 - 7xy - y^2)$

3) $7x^3(2x^2 + 8xy - 2y^2)$

4) $3(3x^2 + 2xy + 7y^2)$

5) $4(3x^2 + 5xy + 8y^2)$

6) $8xy(6x^2 - 3xy - 5y^2)$



7) $8x^2y(7x^2 + xy - 7y^2)$

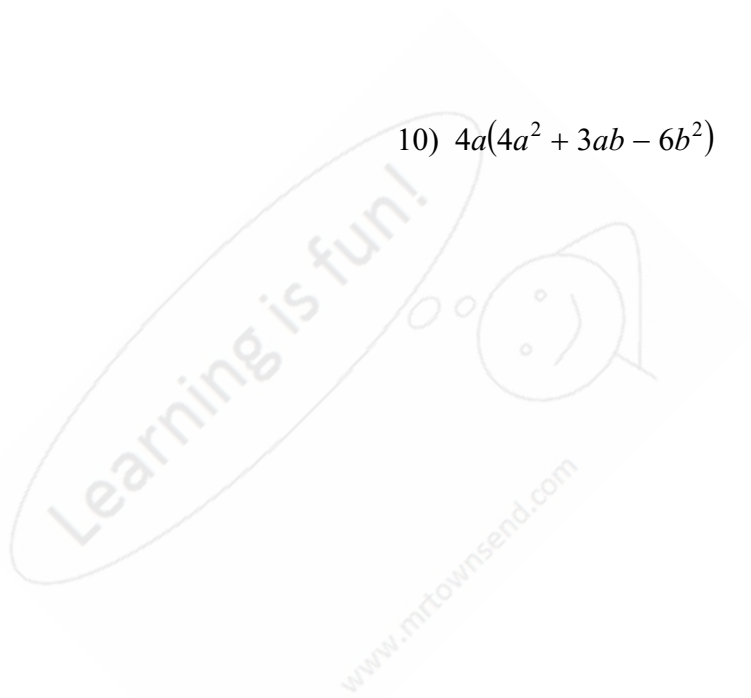
8) $7y^2(2x^2 + 2xy - 3y^2)$

9) $7(3x^2 - 5xy + 2y^2)$

10) $4a(4a^2 + 3ab - 6b^2)$

11) $7(x^2 - 8xy + 3y^2)$

12) $8m^2n^2(8m^2 + 2mn + n^2)$



Answers to

- 1) $35v^2u^2 - 49v^3u + 56v^4$ 2) $24x^2 - 28xy - 4y^2$ 3) $14x^5 + 56x^4y - 14x^3y^2$
4) $9x^2 + 6xy + 21y^2$ 5) $12x^2 + 20xy + 32y^2$ 6) $48x^3y - 24x^2y^2 - 40xy^3$
7) $56x^4y + 8x^3y^2 - 56x^2y^3$ 8) $14y^2x^2 + 14y^3x - 21y^4$ 9) $21x^2 - 35xy + 14y^2$
10) $16a^3 + 12a^2b - 24ab^2$ 11) $7x^2 - 56xy + 21y^2$ 12) $64m^4n^2 + 16m^3n^3 + 8m^2n^4$

