

Find each product.

1) $(2m + 6)(m^2 + 3m + 2)$

2) $(2x + 4)(8x^2 + 7x - 1)$

3) $(8v + 4)(4v^2 - 4v - 4)$

4) $(4v + 5)(4v^2 - 6v - 2)$

5) $(2x + 8)(8x^2 + 5x - 1)$

6) $(6k - 3)(7k^2 + 3k - 3)$

7) $(3v - 3)(2v^2 + 6v - 8)$

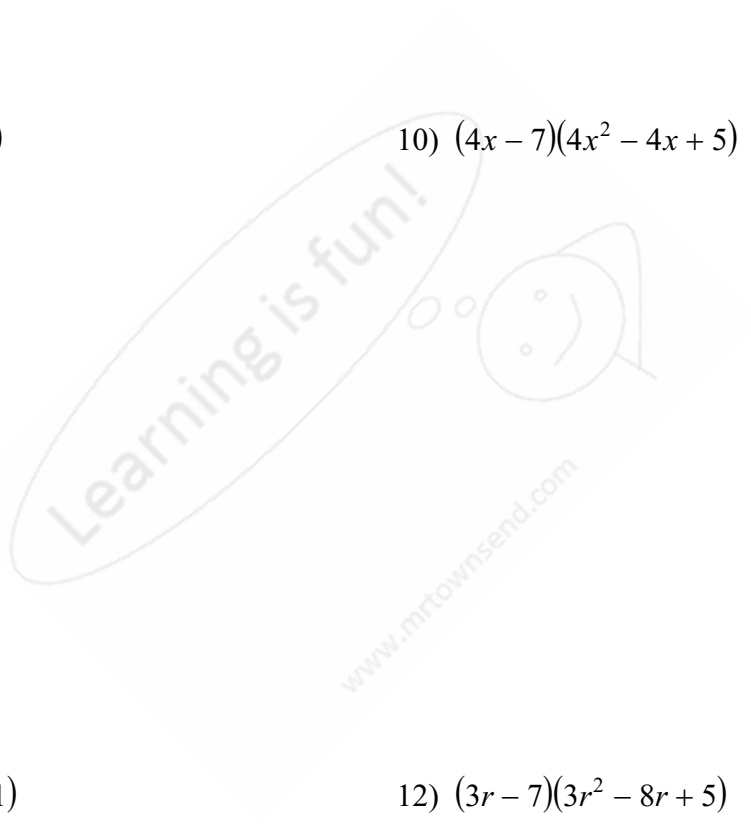
8) $(5x + 4)(x^2 + 7x - 8)$

9) $(n - 5)(4n^2 + 6n - 1)$

10) $(4x - 7)(4x^2 - 4x + 5)$

11) $(4x + 6)(7x^2 - x - 1)$

12) $(3r - 7)(3r^2 - 8r + 5)$



Answers to

1) $2m^3 + 12m^2 + 22m + 12$

4) $16v^3 - 4v^2 - 38v - 10$

7) $6v^3 + 12v^2 - 42v + 24$

10) $16x^3 - 44x^2 + 48x - 35$

2) $16x^3 + 46x^2 + 26x - 4$

5) $16x^3 + 74x^2 + 38x - 8$

8) $5x^3 + 39x^2 - 12x - 32$

11) $28x^3 + 38x^2 - 10x - 6$

3) $32v^3 - 16v^2 - 48v - 16$

6) $42k^3 - 3k^2 - 27k + 9$

9) $4n^3 - 14n^2 - 31n + 5$

12) $9r^3 - 45r^2 + 71r - 35$

