

Dans chacun des exercices proposées ci-dessous, factoriser au maximum $f(x)$.

Exercice 1. $f(x) = 6x + 22$.

Exercice 2. $f(x) = 77 - 35x$.

Exercice 3. $f(x) = 35x - 35$.

Exercice 4. $f(x) = -56x - 88$.

Exercice 5. $f(x) = 77x - 21$.

Exercice 6. $f(x) = 4x^2 - 16x + 16$.

Exercice 7. $f(x) = 9x^2 - 30x + 25$.

Exercice 8. $f(x) = x^2 - 4$.

Exercice 9. $f(x) = 64x^2 - 80x + 25$.

Exercice 10. $f(x) = 4x^2 - 9$.

Exercice 11. $f(x) = 64x^2 + 112x + 49$.

Exercice 12. $f(x) = 64x^2 - 4$.

Exercice 13. $f(x) = 49x^2 - 84x + 36$.

Exercice 14. $f(x) = 25x^2 - 1$.

Exercice 15. $f(x) = 16x^2 + 80x + 100$.

Exercice 16. $f(x) = 36x^2 - 25$.

Exercice 17. $f(x) = 81x^2 + 180x + 100$.

Exercice 18. $f(x) = 9x^2 + 18x + 9$.

Exercice 19. $f(x) = 25x^2 - 50x + 25$.

Exercice 20. $f(x) = \frac{25x^2}{81} - \frac{25}{36}$.

Exercice 21. $f(x) = \frac{x^2}{9} - \frac{20x}{9} + \frac{100}{9}$.

Exercice 22. $f(x) = \frac{49x^2}{25} - \frac{28x}{5} + 4$.

Exercice 23. $f(x) = \frac{16x^2}{25} - \frac{1}{16}$.

Exercice 24. $f(x) = x^2 - \frac{81}{4}$.