Resolver Cuadráticas (A)

Resuelva cada ecuación en función de x.

1. $-54x^2 - 36x + 18 = 0$
2. $-35x^2 - 4x + 63 = 0$
3. $-49x^2 + 28x + 32 = 0$
4. $72x^2 + 77x + 20 = 0$
5. $16x^2 + 36x + 8 = 0$
6. $-24x^2 + 41x + 35 = 0$
7. $24x^2 - 28x + 8 = 0$
8. $-72x^2 - 63x + 9 = 0$
9. $12x^2 - 19x + 5 = 0$
10. $6x^2 - 44x + 14 = 0$
11. $-9x^2 + 1 = 0$
12. $28x^2 + 27x + 5 = 0$

Resolver Cuadráticas (A) Respuestas

Resuelva cada ecuación en función de x.

1. $-54x^2 - 36x + 18 = 0$
$-(9x + 9)\ (6x - 2) = 0$
$x = -1\ ,\ \ 1/3$

2. $-35x^2 - 4x + 63 = 0$
$(5x + 7)\ (7x - 9) = 0$
$x = -1\ 2/5,\ \ 1\ 2/7$

3. $-49x^2 + 28x + 32 = 0$
$(7x - 8)\ (7x + 4) = 0$
$x = 1\ 1/7,\ \ -\ 4/7$

4. $72x^2 + 77x + 20 = 0$
$(8x + 5)\ (9x + 4) = 0$
$x = -\ 5/8,\ \ -\ 4/9$

5. $16x^2 + 36x + 8 = 0$
$(2x + 4)\ (8x + 2) = 0$
$x = -2\ ,\ \ -\ 1/4$

6. $-24x^2 + 41x + 35 = 0$
$(3x - 7)\ (8x + 5) = 0$
$x = 2\ 1/3,\ \ -\ 5/8$

7. $24x^2 - 28x + 8 = 0$
$(4x - 2)\ (6x - 4) = 0$
$x = \ 1/2,\ \ 2/3$

8. $-72x^2 - 63x + 9 = 0$
$-(9x + 9)\ (8x - 1) = 0$
$x = -1\ ,\ \ 1/8$

9. $12x^2 - 19x + 5 = 0$
$(4x - 5)\ (3x - 1) = 0$
$x = 1\ 1/4,\ \ 1/3$

10. $6x^2 - 44x + 14 = 0$
$(x - 7)\ (6x - 2) = 0$
$x = 7\ ,\ \ 1/3$

11. $-9x^2 + 1 = 0$
$-(3x + 1)\ (3x - 1) = 0$
$x = -\ 1/3,\ \ 1/3$

12. $28x^2 + 27x + 5 = 0$
$(7x + 5)\ (4x + 1) = 0$
$x = -\ 5/7,\ \ -\ 1/4$