Resolver Cuadráticas (E)

Resuelva cada ecuación en función de x.

1. $45x^2 - 106x + 45 = 0$

2. $-49x^2 + 7x + 6 = 0$

3. $-16x^2 + 38x + 5 = 0$

4. $7x^2 - 42x + 35 = 0$

5. $-27x^2 + 60x + 32 = 0$

6. $14x^2 + 36x + 16 = 0$

7. $-63x^2 + 42x + 21 = 0$

8. $36x^2 - 60x + 16 = 0$

9. $-42x^2 + 31x + 21 = 0$

10. $-x^2 + 3x + 54 = 0$

11. $5x^2 - 31x + 6 = 0$

12. $-56x^2 + 15x + 54 = 0$

Resolver Cuadráticas (E) Respuestas

Resuelva cada ecuación en función de x.

1. $45x^2 - 106x + 45 = 0$
$(5x - 9)(9x - 5) = 0$
$x = 1\ 4/5,\ \ 5/9$

2. $-49x^2 + 7x + 6 = 0$
$(7x - 3)(7x + 2) = 0$
$x = \ 3/7,\ \ -\ 2/7$

3. $-16x^2 + 38x + 5 = 0$
$(8x + 1)(2x - 5) = 0$
$x = -\ 1/8,\ \ 2\ 1/2$

4. $7x^2 - 42x + 35 = 0$
$(x - 5)(7x - 7) = 0$
$x = 5\ ,\ \ 1$

5. $-27x^2 + 60x + 32 = 0$
$(3x - 8)(9x + 4) = 0$
$x = 2\ 2/3,\ \ -\ 4/9$

6. $14x^2 + 36x + 16 = 0$
$(7x + 4)(2x + 4) = 0$
$x = -\ 4/7,\ \ -2$

7. $-63x^2 + 42x + 21 = 0$
$-(9x + 3)(7x - 7) = 0$
$x = -\ 1/3,\ \ 1$

8. $36x^2 - 60x + 16 = 0$
$(6x - 8)(6x - 2) = 0$
$x = 1\ 1/3,\ \ 1/3$

9. $-42x^2 + 31x + 21 = 0$
$-(7x + 3)(6x - 7) = 0$
$x = -\ 3/7,\ \ 1\ 1/6$

10. $-x^2 + 3x + 54 = 0$
$-(x + 6)(x - 9) = 0$
$x = -6\ ,\ \ 9$

11. $5x^2 - 31x + 6 = 0$
$(5x - 1)(x - 6) = 0$
$x = \ 1/5,\ \ 6$

12. $-56x^2 + 15x + 54 = 0$
$-(7x + 6)(8x - 9) = 0$
$x = -\ 6/7,\ \ 1\ 1/8$