

**Resuelve las siguientes ecuaciones de primer grado con una incógnita**

- i.**  $2x - 34 = 120$
- ii.**  $9x + 8 = 7x + 16$
- iii.**  $4x + 5 = 3x + 12$
- iv.**  $7x + 9 = 57 + x$
- v.**  $5x - 13 = 2x - 4$
- vi.**  $x + 17 = 3x + 1$
- vii.**  $6x + 160 = 40 + 8x$
- viii.**  $9 + 9x = 117 - 3x$
- ix.**  $2x + 1 = 3x - 2$
- x.**  $25 - 2x = 3x - 35$
- xi.**  $4x + 17 = 3x + 24$
- xii.**  $7x - 3 = 21x - 9$
- xiii.**  $1 + 8x = -64x + 46$
- xiv.**  $5x - 11 = 15x - 33$
- xv.**  $15x - 60 = -12x - 54$
- xvi.**  $2x + 17 = 3x + 2$
- xvii.**  $60 - 5x = x - 12$
- xviii.**  $70 - 3x = 14 + x$
- xix.**  $100 - 3x = 5x - 28$
- xx.**  $10x - 17 = 4x + 85$
- xxi.**  $3x + 1 = 7x - 11$
- xxii.**  $47 - 2x = 5 + 12x$
- xxiii.**  $10 - 9x = -7x + 21$
- xxiv.**  $11x - 100 = 2x - 1$
- xxv.**  $25 - 2x = 3x - 80$
- xxvi.**  $100 - 5x = 4x - 71$
- xxvii.**  $19 + 8x = 12x + 14$
- xxviii.**  $21y - 3 = 10y + 195$
- xxix.**  $2 - 6x = 36x - 5$
- xxx.**  $4 - 24x + 500 = -3x$

- xxxvi.  $x - 5(x - 2) = 6x$
- xxxvii.  $3x + 7 = 2(x + 8)$
- xxxviii.  $5x = 8(5x - 3) - 4$
- xxxix.  $2(x - 6) = 3x - 19$
- xl.  $5 + 5(x - 13) = x$
- xli.  $x - 2 = -3(4 - 2x)$
- xlii.  $2(9x - 49) = 15x + 10$
- xliii.  $120 = 2x - (15 - 7x)$
- xliiii.  $60x + 1 = 3(3 + x)$
- xliv.  $15(x - 1) + 20(x + 1) = 75$
- xlv.  $4x + 7(2x - 1) = x + 163$
- xlv.  $3 - 4x(25 - 2x) = 8x^2 + x - 300$
- xlv.  $14x + 3(8x - 3) - 295 = 0$
- xlv.  $5[2x - 4(25 - 2x)] = -10x + 20$
- xlv.  $3x - 4(x - 2) = x - 10$
- xlv.  $5x - 3(x + 5) = 3x + 10$
- xlv.  $7(x - 18) = 3(x - 14)$
- xlv.  $5(x + 4) = 7x - 2$
- xlv.  $38 + 7(x - 3) = 9(x + 1)$
- l.  $3(3 + 4x) = 4x + 15$
- li.  $104 - 9x = 4(5x - 3)$
- lii.  $x + 3 = 11(2x - 15)$
- liii.  $15x = 7(2 + 9x) - 30$
- liv.  $5(3x + 2) = 8(9 - 2x)$
- lv.  $x - 13 = 4[3x - 4(x - 2)]$
- lvi.  $9(13 - x) - 4x = 5(21 - 2x) + 9x$
- lvii.  $\frac{3x}{2} + 20 = x + 25$
- lviii.  $2x + \frac{3x}{4} = \frac{x}{7} + 73$
- liv.  $2\left(\frac{x+5}{3}\right) = x - 2$