

## Ecuaciones

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|---|---|
| <p>1) <math>3x + 7 = 2x - 15</math> <span style="float: right;">x = -22</span></p>  | <p>24) <math>\frac{x}{4} + 5 - \frac{2x}{5} = \frac{3x}{10}</math> <span style="float: right;">x = 100/9</span></p>               |
| <p>2) <math>4 = 2x - 6</math> <span style="float: right;">x = 5</span></p>  | <p>25) <math>2x + 3 = \frac{3}{5} - \frac{x-4}{2}</math> <span style="float: right;">x = -4/25</span></p>                         |
| <p>3) <math>5x + 3 - 2x = 4x + 5</math> <span style="float: right;">x = -2</span></p>   | <p>26) <math>-\frac{2}{3} + \frac{x}{5} = \frac{1}{2} + \frac{3x}{4}</math> <span style="float: right;">x = -70/33</span></p>     |
| <p>4) <math>2x - 4 = 4 - 6x</math> <span style="float: right;">x = 1</span></p>   | <p>27) <math>\frac{4x+3}{12} - \frac{3}{9} = 5x + 2 - \frac{3x}{6}</math> <span style="float: right;">x = -1/2</span></p>         |
| <p>5) <math>x + 4 + 4x = 12 - 3x + 4x</math> <span style="float: right;">x = 2</span></p>   | <p>28) <math>3x - 12 = \frac{x}{2} - 2</math> <span style="float: right;">x = 4</span></p>  |
| <p>6) <math>-4x - 6 = 8 + 3x</math> <span style="float: right;">x = -2</span></p>   | <p>29) <math>\frac{x}{16} + \frac{2-x}{4} = \frac{2x}{8} - 5\frac{1}{4}</math> <span style="float: right;">x = 4</span></p>       |
| <p>7) <math>-7 - 3x = 5x + 17</math> <span style="float: right;">x = -3</span></p>  | <p>30) <math>\frac{x-1}{2} + \frac{x+7}{10} = 2 - \frac{x-3}{5}</math> <span style="float: right;">x = 3</span></p>               |
| <p>8) <math>-2x + 9 = 3x - 51</math> <span style="float: right;">x = 12</span></p>  | <p>31) <math>\frac{x}{2} + 5 - 3x = \frac{28-6x}{4}</math> <span style="float: right;">x = -2</span></p>                          |
| <p>9) <math>-5x + 6 = -4 - 7x</math> <span style="float: right;">x = -5</span></p>  | <p>32) <math>2x - 5 = \frac{3x+2}{4}</math> <span style="float: right;">x = 22/5</span></p>                                       |
| <p>10) <math>-3x = 2x + 4x - x</math> (ojo) <span style="float: right;">x = 0</span></p>  | <p>33) <math>x - \frac{1+3x}{2} = 4 + \frac{x-2}{3}</math> <span style="float: right;">x = -23/5</span></p>                       |
| <p>11) <math>\frac{2x}{5} + \frac{3}{2} = \frac{x}{2} + \frac{3}{6}</math> <span style="float: right;">x = 10</span></p>                    | <p>34) <math>\frac{x}{5} - \frac{x+1}{2} = \frac{3}{10} + \frac{2x-3}{2}</math> <span style="float: right;">x = 7/13</span></p>   |
| <p>12) <math>\frac{x}{5} - \frac{4}{5} = \frac{4}{3} - \frac{x}{15}</math> <span style="float: right;">x = 8</span></p>                     | <p>35) <math>\frac{x-5}{3} - \frac{2x-3}{12} = \frac{5-x}{4} - \frac{x}{3}</math> <span style="float: right;">x = 32/9</span></p> |
| <p>13) <math>\frac{4x}{3} + 3 = x - 6</math> <span style="float: right;">x = -27</span></p>   | <p>36) <math>3(x+1) = 15</math> <span style="float: right;">x = 4</span></p>  |
| <p>14) <math>\frac{3x}{2} + \frac{1}{3} = -9 - \frac{x}{18}</math> <span style="float: right;">x = -6</span></p>                            | <p>37) <math>-(x+2) = 3</math> <span style="float: right;">x = -5</span></p>  |
| <p>15) <math>\frac{3x}{4} + 2 = \frac{5x}{8} + 4</math> <span style="float: right;">x = 16</span></p>                                       | <p>38) <math>2[x + 3(x+1)] = 24</math> <span style="float: right;">x = 2</span></p>   |
| <p>16) <math>\frac{2x}{5} - \frac{4x}{15} + \frac{1}{3} = \frac{6x}{5} - \frac{43}{15}</math> <span style="float: right;">x = 3</span></p>  | <p>39) <math>4(x-3) - (x+1) = 2(x-3)</math> <span style="float: right;">x = 7</span></p>  |
| <p>17) <math>\frac{3x}{5} + \frac{2x}{6} = \frac{x}{3} + x + 2</math> <span style="float: right;">x = -5</span></p>                         | <p>40) <math>3x + 5(x-2) = 8</math> <span style="float: right;">x = 9/4</span></p>  |
| <p>18) <math>\frac{5x}{4} - \frac{4}{3} = -\frac{x}{9} + 15</math> <span style="float: right;">x = 12</span></p>                            | <p>41) <math>5(x-3) - 4(x-1) = 2x - 3(x+2)</math> <span style="float: right;">x = 5/2</span></p>                                  |
| <p>19) <math>\frac{2x-1}{3} = \frac{3x-5}{6}</math> <span style="float: right;">x = -3</span></p>   | <p>42) <math>-5(2-x) + 3(2x+4) = (4x-2)5</math> <span style="float: right;">x = -2</span></p>                                     |
| <p>20) <math>\frac{x+3}{5} - \frac{2x}{3} = \frac{1-3x}{5}</math> <span style="float: right;">x = -3</span></p>                             | <p>43) <math>(2x+5)2 - 2x = 4(x+2)</math> <span style="float: right;">x = 1</span></p>  |
| <p>21) <math>\frac{x+4}{2} - \frac{2}{4} - \frac{2x}{8} = \frac{x+6}{12} - \frac{x}{6}</math> <span style="float: right;">x = -3</span></p> | <p>44) <math>5 - [3 - 2(4-x)] = 2(4x+4)</math> <span style="float: right;">x = 1/5</span></p>                                     |
| <p>22) <math>\frac{x}{3} + 3 = \frac{x-10}{9} - \frac{1}{3}</math> <span style="float: right;">x = -20</span></p>                           | <p>45) <math>3x + 5(12-x) = -3x + 4 - 2(7-3x)</math> <span style="float: right;">x = 14</span></p>                                |
| <p>23) <math>-\frac{2x}{3} + 6 = \frac{x-3}{2} - 3</math> <span style="float: right;">x = 9</span></p>                                      | <p>46) <math>-2 + 5[-6x + 3(5-x)] = 20 - (x+1)</math> <span style="float: right;">x = 2</span></p>                                |