

Enunciados

Resuelve las siguientes ecuaciones. Da el resultado del modo más sencillo que sea posible (número entero o fracción irreducible).

$$\textcircled{1} \quad \frac{2x-3}{5}=3$$

$$\textcircled{2} \quad 2 \cdot \left(\frac{x}{3}-1\right)=10$$

$$\textcircled{3} \quad \frac{5-x}{2}=4$$

$$\textcircled{4} \quad 3(5x-9)=18$$

$$\textcircled{5} \quad \frac{4-3x}{2}=-1$$

$$\textcircled{6} \quad 2(8-3x)=28$$

$$\textcircled{7} \quad 5 \cdot \left(3+\frac{x}{-2}\right)=40$$

$$\textcircled{8} \quad \frac{\frac{x}{2}-4}{5}=-2$$

$$\textcircled{9} \quad \frac{5(x-2)}{4}=35$$

$$\textcircled{10} \quad 137(6x+30)=0$$

$$\textcircled{11} \quad \frac{\frac{x}{2}-1}{5}=\frac{1}{4}$$

$$\textcircled{12} \quad 3(4x-5)=1$$

$$\textcircled{13} \quad \frac{3}{5}(x-2)=\frac{6}{35}$$

$$\textcircled{14} \quad \frac{1}{2}-\frac{x}{4}=2$$

$$\textcircled{15} \quad 4(5x-2)=\frac{20}{3}$$

$$\textcircled{16} \quad \frac{\frac{x}{3}-2}{5}=\frac{2}{15}$$

$$\textcircled{17} \quad 3(2-x)=5$$

$$\textcircled{18} \quad \frac{3x+1}{2}=\frac{9}{8}$$

Soluciones

① $x=9$

② $x=18$

③ $x=-3$

④ $x=3$

⑤ $x=2$

⑥ $x=-2$

⑦ $x=-10$

⑧ $x=-12$

⑨ $x=30$

⑩ $x=-5$

⑪ $x=\frac{9}{2}$

⑫ $x=\frac{4}{3}$

⑬ $x=\frac{16}{7}$

⑭ $x=-6$

⑮ $x=\frac{11}{15}$

⑯ $x=8$

⑰ $x=\frac{1}{3}$

⑱ $x=\frac{5}{12}$