

Exercice 1 :**Fiche 2 Bis : Résolutions d'équations Sup Correction**

$3x + 7 = 22$ $3x + 7 - 7 = 22 - 7$ $3x = 15$ $\frac{3x}{3} = \frac{15}{3}$ $x = 5$ <p>5 est la solution de cette équation.</p>	$7x + 12 = 26$ $7x + 12 - 12 = 26 - 12$ $7x = 14$ $\frac{7x}{7} = \frac{14}{7}$ $x = 2$ <p>2 est la solution de l'équation</p>	$3x + 7 = x + 13$ $3x + 7 - 7 = x + 13 - 7$ $3x = x + 6$ $3x - x = x + 6 - x$ $2x = 6$ $\frac{2x}{2} = \frac{6}{2}$ $x = 3$ <p>La solution de l'équation est 3.</p>	$8x + 2 = 2x + 20$ $8x + 2 - 2 = 2x + 20 - 2$ $8x = 2x + 18$ $8x - 2x = 2x + 18 - 2x$ $6x = 18$ $\frac{6x}{6} = \frac{18}{6}$ $x = 3$ <p>La solution de l'équation est 3.</p>
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Exercice 2 :

$3x + 4 = 8x - 21$ $3x + 4 - 4 = 8x - 21 - 4$ $3x = 8x - 25$ $3x - 8x = 8x - 25 - 8x$ $-5x = -25$ $\frac{-5x}{-5} = \frac{-25}{-5}$ $x = 5$ <p>5 est la solution de cette équation.</p>	$-2x + 1 = 7x - 80$ $-2x + 1 - 1 = 7x - 80 - 1$ $-2x = 7x - 81$ $-2x - 7x = 7x - 81 - 7x$ $-9x = -81$ $\frac{-9x}{-9} = \frac{-81}{-9}$ $x = 9$ <p>La solution de l'équation est 9.</p>	$2x - 3 = 5x + 3$ $2x - 3 + 3 = 5x + 3 + 3$ $2x - 5x = 5x + 6 - 5x$ $-3x = 6$ $\frac{-3x}{-3} = \frac{6}{-3}$ $x = -2$ <p>La solution de l'équation est -2</p>	$5x - 3 = 3x - 5$ $5x - 3 + 3 = 3x - 5 + 3$ $5x = 3x - 2$ $5x - 3x = 3x - 2 - 3x$ $2x = -2$ $\frac{2x}{2} = \frac{-2}{2}$ $x = -1$ <p>La solution de l'équation est -1.</p>
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Exercice 3 :

$2x + 5 = 5x - 4$ $2x + 5 - 5 = 5x - 4 - 5$ $2x = 5x - 9$ $2x - 5x = 5x - 9 - 5x$ $-3x = -9$ $\frac{-3x}{-3} = \frac{-9}{-3}$ $x = 3$	$-8x + 2 = 3x - 8$ $8x + 2 - 2 = 3x - 8 - 2$ $-8x = 3x - 10$ $-8x - 3x = 3x - 10 - 3x$ $-11x = -10$ $\frac{-11x}{-11} = \frac{-10}{-11}$ $x = \frac{-10}{-11}$ $x = \frac{10}{11}$	$2x + 1 = x - 4$ $2x + 1 - 1 = x - 4 - 1$ $2x = x - 5$ $2x - x = x - 5 - x$ $x = -5$	$4x - 5 = 2x + 2$ $4x - 5 - 2x = 2x + 2 - 2x$ $2x - 5 = 2$ $2x - 5 + 5 = 2 + 5$ $2x = 7$ $\frac{2x}{2} = \frac{7}{2}$ $x = \frac{7}{2}$
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