Résoudre les équations suivantes :

1. x + 4 = 0
2. x – 7 = 0
3. 7x – 21 = 0
4. 5x – 3 =0
5. 2x + 3 = 0
6. – 0,4x + 0,7 = 0
7. 1,2t – 1 = 0
8. –1,25t + 4,1 = 0
9. t + 18 = 0
10. 3t – 5 = 0
11. 12x – 5 = 7
12. 3x + 1 = 7
13. 3,2 y – 1,4 = 5
14. 174y + 53,5 = 10
15. 2 – 1,2x = 0,2
16. 1 – 0,1x = 0,1
17. 7 + 5 = 12
18. = 1
19. = 4
20. = 1
21. + 1 = 2
22. - 1 = 2
23. x – 1 =
24. - 2x = x
25. 4 – x = x
26. 3(4 – x) – 2(x – 1) = 3 (x – 2)
27. 5(1 + x) – (x – 1) = -2(x – 0,9)
28. x – 2(x + 5) = 14 + 3(x – 2)
29. 4(1-5x) – 3(x + 6) = 5x – (3x – 7)
30. + =
31. + + - 1 =

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| **1. Résoudre** les équations suivantes : |
| *x* + 7 = 2 | *u* − 3 = −4 | 5 = *t* − 1 |  + *a* =  |  = *y* +  |
| ………………….………………….………………….………………….………………….………………….………………….………………….………………….…………………. | ………………….………………….………………….………………….………………….………………….………………….………………….………………….…………………. | ………………….………………….………………….………………….………………….………………….………………….………………….………………….…………………. | ………………….………………….………………….………………….………………….………………….………………….………………….………………….…………………. | ………………….………………….………………….………………….………………….………………….………………….………………….………………….…………………. |

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| **2. Résoudre** les équations suivantes : |
| 3 *x* = 2 | −5 = 7 *t* |  *u* =  |  = −4 *a* | 0,7 *y* = 3 |
| ………………….………………….………………….………………….………………….………………….………………….………………….………………….…………………. | ………………….………………….………………….………………….………………….………………….………………….………………….………………….…………………. | ………………….………………….………………….………………….………………….………………….………………….………………….………………….…………………. | ………………….………………….………………….………………….………………….………………….………………….………………….………………….…………………. | ………………….………………….………………….………………….………………….………………….………………….………………….………………….…………………. |

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| **3. Résoudre** les équations suivantes : |
| 2 *x* − 4 = 6 | −5 = -3 *t* + 7 |  *z* − 1 =  |  = − *u* −  |  − 5 *a* = −12 |
| ………………….………………….………………….………………….………………….………………….………………….………………….………………….………………….………………….………………….………………….………………….………………….…………………. | ………………….………………….………………….………………….………………….………………….………………….………………….………………….………………….………………….………………….………………….………………….………………….…………………. | ………………….………………….………………….………………….………………….………………….………………….………………….………………….………………….………………….………………….………………….………………….………………….…………………. | ………………….………………….………………….………………….………………….………………….………………….………………….………………….………………….………………….………………….………………….………………….………………….…………………. | ………………….………………….………………….………………….………………….………………….………………….………………….………………….………………….………………….………………….………………….………………….………………….…………………. |

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| **4. Résoudre** les équations suivantes : |
| 3 *x* − 5 = 2 + *x* | 7 − 2 *y* = −3 + 5 *y* | 2 *x* + 5 = 2(*x* − 6) | 5 (4 − 2 *t*) = 20 + 3 *t* |
| ………………………..………………………..………………………..………………………..………………………..……………………….. | ………………………..………………………..………………………..………………………..………………………..……………………….. | ………………………..………………………..………………………..………………………..………………………..……………………….. | ………………………..………………………..………………………..………………………..………………………..……………………….. |
|  | 8 (2 *b* − 3) + 3(4 − 5 *b*) = 6 (*b* − 6) − (5 *b* − 24) |  |
|  | ………………………………………………….…………………………...………………………………………………….…………………………...………………………………………………….…………………………...………………………………………………….…………………………...………………………………………………….…………………………... |  |

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| **5. Résoudre** les équations suivantes : |
|  −  =  −  |  =  |
| …………………………………………………...…………………………………………………...…………………………………………………...…………………………………………………...…………………………………………………...…………………………………………………...…………………………………………………...…………………………………………………...…………………………………………………...…………………………………………………...…………………………………………………... | …………………………………………………...…………………………………………………...…………………………………………………...…………………………………………………...…………………………………………………...…………………………………………………...…………………………………………………...…………………………………………………...…………………………………………………...…………………………………………………...…………………………………………………... |

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| Résoudre les inéquations suivantes* x 8

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…………………………….………………….…………………………….…………………. | * - 0,7 x 1,4

…………………………….………………….…………………………….………………….* 5x + 4 > 2x – 7

…………………………….………………….…………………………….………………….* -x + 5 > 2x – 1

…………………………….………………….…………………………….…………………. |