

SOLVE THE FOLLOWING EQUATIONS**WS2**

1. $3x + 2 = 14$	2. $5x - 3 = -13$	3. $7x - 4 = 10$
4. $8x + 4 = -20$	5. $6x - 18 = -18$	6. $8x - 12 = 12$
7. $4x + 11 = -13$	8. $6x + 13 = -5$	9. $16 = 5x - 14$
10. $14 = 7x - 28$	11. $11x + 19 = 63$	12. $8x - 4 = 24$

13. $8 - 3x = -1$	14. $27 = 32 - 15x$	15. $-12 = 5x + 3$
16. $5x - 3.6 = 5$	17. $41x - 7.4 = -11.5$	18. $0.3x + 5.09 = -8.2$
19. $\frac{x}{3} + 5 = 7$	20. $\frac{x}{2} - 4 = -1$	21. $\frac{2x}{4} - 1 = -7$
22. $8 = \frac{3x}{5} + 4$	23. $8 - \frac{2x}{3} = 4$	24. $-5 - \frac{3x}{4} = 4$

SOLVE THE FOLLOWING EQUATIONS

WS2

<p>1. $3x + 2 = 14$ $-2 \quad -2$ $3x = 12$ $x = 4$</p>	<p>2. $5x - 3 = -13$ $+3 \quad +3$ $5x = -10$ $x = -2$</p>	<p>3. $7x - 4 = 10$ $+4 \quad +4$ $7x = 14$ $x = 2$</p>
<p>4. $8x + 4 = -20$ $-4 \quad -4$ $8x = -24$ $x = -3$</p>	<p>5. $6x - 18 = -18$ $+18 \quad +18$ $6x = 0$ $x = 0$</p>	<p>6. $8x - 12 = 12$ 12 $8x = 24$ $x = 3$</p>
<p>7. $4x + 11 = -13$ $-11 \quad -11$ $4x = -24$ $x = -6$</p>	<p>8. $6x + 13 = -5$ $-13 \quad -13$ $6x = -18$ $x = -3$</p>	<p>9. $16 = 5x - 14$ 14 $30 = 5x$ $6 = x$</p>
<p>10. $\frac{14}{28} = 7x - 28$ $42 = 7x$ $6 = x$</p>	<p>11. $11x + 19 = 63$ -19 $11x = 44$ $x = 4$</p>	<p>12. $8x - 4 = 24$ $+4 \quad +4$ $\frac{8x}{8} = \frac{28}{8}$ $x = \frac{28}{8}$ $x = \frac{7}{2}$</p>

<p>13. $8 - 3x = -1$ $-8 \quad -8$ $-3x = -9$ $x = 3$</p>	<p>14. $27 = 32 - 15x$ -32 $-5 = -15x$ $\frac{-5}{-15} = x$ $\frac{1}{3} = x$</p>	<p>15. $-12 = 5x + 3$ -3 $-15 = 5x$ $-3 = x$</p>
<p>16. $5x - 3.6 = 5$ 3.6 $5x = 8.6$ $x = \frac{8.6}{5}$ $x = 1.72$</p>	<p>17. $41x - 7.4 = -11.5$ 7.4 $41x = -4.1$ $x = -0.1$</p>	<p>18. $0.3x + 5.09 = -8.2$ -5.09 $.3x = -13.29$ $x = -44.3$</p>
<p>19. $\frac{x}{3} + 5 = 7$ $x + 15 = 21$ $x = 6$</p>	<p>20. $\frac{x}{2} - 4 = -1$ $x - 8 = -2$ $x = 6$</p>	<p>21. $\frac{2x}{4} - 1 = -7$ $2x - 4 = -28$ $2x = -24$ $x = -12$</p>
<p>22. $8 = \frac{3x}{5} + 4$ $40 = 3x + 20$ $20 = 3x$ $\frac{20}{3} = x$</p>	<p>23. $8 - \frac{2x}{3} = 4$ $24 - 2x = 12$ $-2x = -12$ $x = 6$</p>	<p>24. $-5 - \frac{3x}{4} = 4$ $-20 - 3x = 16$ $-3x = 36$ $x = -12$</p>