

$$1. 4x + 7 = 10$$

$$2. 13x + 21 = 60$$

$$3. 3x - 8 = 16$$

$$4. 5x - 6 = -26$$

$$5. \frac{x}{3} + 4 = 10$$

$$6. \frac{x}{7} - 5 = 1$$

$$7. 39 = 3a - 9$$

$$8. 4 = 4a + 20$$

$$9. 10a + 5 = 7$$

$$10. 0.3a + 0.25 = 1$$

$$11. \frac{2}{3}m + 8 = 20$$

$$12. 9 = \frac{3}{4}m - 3$$

$$1. 11x + 7 = 3x - 9$$

$$2. 3x - 23 = 54 - 4x$$

$$3. 5x + 3 + 6x = 10x + 9 - x$$

$$4. 10x + 27 - 5x - 46 = 32 + 3x - 19$$

$$5. 20x - 5 - 5x = 11x + 49$$

$$6. 0.4 + 3x - 0.25 = 1.15 - 2x$$

$$7. 2x + 17 - 1.2x = 10 - 0.2x + 11$$

$$8. 2 + 6x - 0.2 = 5x + 2.1$$

$$9. 1.3 + 5x - 0.1 = -1.2 - 3x$$

$$10. 3x + 12 - 0.8x = 3.4 - 0.8x - 9.4$$

$$11. 7(x+2) + 1 = 3(x+14) - 4x$$

$$12. 4(4x+3) = 6x - 28$$

$$13. 13 - 8(x-2) = 7(x+4) + 46$$

$$14. 13x + 3(3-x) = -3(4+3x) - 2x$$

$$15. 2(2x+19) - 9x = 9(13-x) + 21$$

$$16. 12x - 4(x-1) = 2(x-2) + 16$$

$$17. 2x + \frac{9}{5}x = 1 + 3x$$

$$13) 41 - 2m = 65$$

$$14) 4m - 14 = 50$$

$$15) \frac{2m}{5} + 16 = 24$$

$$16) 7m - 6 = -2.5$$

$$17) 105 - 6 = 0$$

$$18) \frac{5}{4} + 2.7 = 3$$

$$19) 88 - 7 = 41$$

$$20) -55 = 25 - 5$$

$$18) \frac{5}{2}(x-2) + 3x = 3(x+2) - 10$$

$$19) 6\left(\frac{1}{2}x + \frac{1}{2}\right) = 3(x+1)$$

$$20) 0.7(0.2x - 1) = 0.3(3 - 0.2x)$$

$$21) 10(x+2) + 7(1-x) = 3(x+9)$$

$$22) 4(9-x) = 2x - 6(x+b)$$

$$23) 5(2x+3) - 9 = 14(x+1)$$

$$24) 7(x-10) + 110 = 4(x-25) + 7x$$

$$25) 0.8(x+20) - 4.5 = 0.7(x+x) - 0.9x$$

$$a = 3; b = -5, x = 6; y = \frac{1}{2}, z = -8.$$

$$1. 4a + z$$

$$2. \frac{3a}{z}$$

$$3. 2ax - z$$

$$4. 5ab + xy$$

$$5. 4b^2 - az$$

$$6. 7x \div 2yz$$

$$7. bx + z \div y$$

$$8. 6y - 2ab$$

$$9. a(b+z)^2$$

$$10. \frac{2(a^2 + 2y)}{b}$$

$$11. a^3 + 24y - 3b$$

$$12) -2x - b + az$$

$$13) 5z^2 - 2z + 2$$

$$14) 5xy/2b$$

$$15) 7x + \frac{12}{x} - z$$

$$16) 2b^2/y$$

$$17) bx(z+3)$$

$$18) 6y\left(\frac{z}{y}\right) + 3ab$$

$$19) \frac{2bx}{(z-b)}$$

$$20) \frac{12ab}{y}$$

$$21) y\left[\frac{x}{2} - 3\right] - 4a$$

$$22) 10b^3 - 4b^2$$

$$23) 8y(a^3 - 2y)$$

$$24) z^2 - 4a^2y$$

$$25) 3x^2b(5a - 3b)$$

$$1. 5a + 2a + 7a$$

$$2. 7a + 6b + 3a$$

$$3. 4x + 2y - x + 3y$$

$$4. 27 - 3m + 12 - 5m$$

$$5. 7h + 6 + 2w - 3 + h$$

$$6. 4(x + 2y) + 2(x + y)$$

$$7. 3(2a + 3b) + 7(a - b)$$

$$8. 11(4m + 5) + 3(-3m + 8)$$

$$9. 64 + 5(n - 8) + 12n - 24$$

$$10. 4(x + y - 4) + 6(2 - 3y)$$

$$11. -7(a + b) + 12a - 16b$$

$$12. 14 + 9(2w + 7) - 2(6 - w)$$

$$13) 8s - 3r + 5(2r - 5)$$

$$14) 6(3m - 12) - 4(9m + 8)$$

$$15) 5(15 - 2j) + 11(7j - 3)$$

$$16) a(a + 4) + 3a^2 - 2a + 10$$

$$17) 8(x - 7) + x(2 - x)$$

$$18) 3r^2 + r(2 - r) + 6(r + 4)$$

$$19) 2x - x(5 + y) + 3xy + 4(2x - y)$$

$$20) -7(c - 2d) + 21c - 3(d - 5)$$

$$21) 5(3x - y) + 2(5 + 2y) - 4(3 + y)$$

$$22) 6(m - 3n) + 3m(n + 5) - 2n(3 - m)$$

$$23) 9(2x - t) + 23xt + x(-4 + 5t)$$

$$24) 4[2a(a + 3) + 6(4 - a)] + 5a^2$$

$$25) 8(2a - b - 3c) + 3(2a - b) - 4(6 - b)$$