

1. $3x + x$

2. $4y + 5y =$

3. $2z + 6z + 10 =$

4. $3a + 5b + 6a =$

5. $3z + 7 + 6z + 2 =$

6. $15z + 5 + 6z =$

7. $3s + 2t + 8s + 4 =$

8. $12x + 3y + 4 + 6y =$

9. $6x + 2 + 4x + 9 =$

$$10. 4a + 6a + 2a^2$$

$$11. 5z + 2z + 6z^2 -$$

$$12. x^3 + 2x^2 + x^3 =$$

$$13. 3(y+2) + 6y$$

$$14. 8(z+1) + 2(z+4)$$

$$15. 6(st+2) + 4st$$

$$16. 3(x+z) + 4(z+2)$$

$$17. 4(x+2) + 3(y+6)$$

$$18. a(b+2) + 3ab + 4$$

$$\begin{aligned}
 19. \quad & 3x + 2y + 6x \\
 & 9x + 2y \\
 & 9(3) + 2(4) \\
 & 27 + 8 \\
 & \boxed{35}
 \end{aligned}$$

$$\begin{aligned}
 20. \quad & y + \underline{2(y+2)} \\
 & 1y + 2y + 4 \\
 & 3y + 4 \\
 & 3(4) + 4 \\
 & 12 + 4 \\
 & \boxed{16}
 \end{aligned}$$

$$\begin{aligned}
 21. \quad & 5(x+y) + 2x \\
 & 5x + 5y + 2x \\
 & 7x + 5y \\
 & 7(3) + 5(4) \\
 & 21 + 20 \\
 & \boxed{41}
 \end{aligned}$$

$$\begin{aligned}
 22. \quad & (3+x)y + x^2 \\
 & 3y + 1xy + x^2 \\
 & x^2 + 1xy + 3y \\
 & 3^2 + 1(3)(4) + 3(4) \\
 & 9 + 12 + 12 \\
 & \boxed{33}
 \end{aligned}$$