

Solving Multi-Step Problems: Collecting Like Terms

Please complete on a separate sheet of paper.

Remember to:

- ① Collect like terms
- ② Isolate the variable using opposite operations
- ③ Perform a right+left side check

1. $7z + 1 = 18 - 3$

6. $8y + y = 72$

2. $4b + 2 = 6 + 4$

7. $4t - t = 6 + 18$

3. $5t - 4 = 22 - 1$

8. $3w + 5 - w = 7 + 12$

4. $4z - 7 = 3 + 10$

9. $2c + 4c - 7 = -1 - 12$

5. $3x + 2x = 15$

10. $24 = 5z - 6 - 2z$

Bonus $3x + 5 - 2 = 6x + 9$