

Name: _____



ZOMBIE APOCALYPSE

Solving Equations

The zombie apocalypse is here. Answer the questions below and pick your survival gear. For each question you answer correctly, you get to keep that item. But be careful! For each question you miss, you lose that item. When you finish gathering your gear, the zombie attack will begin. Will you have enough supplies to survive?

Survival Gear:

Choose one of these items for each question. You will use each of these six times.

- Food (F)
- Weapon (W)
- Ammunition (A)
- Medical supply (M)

Solve the following equations.

____ 1. $5z + 6 = 27$
 $z =$ ____

____ 2. $2 - o = -42$
 $o =$ ____

____ 3. $3m + 8 = -19$
 $m =$ ____

____ 4. $14 = 2b + 29$
 $b =$ ____

____ 5. $-56 = -12 + 4i$
 $i =$ ____

____ 6. $100 = 5e + 172$
 $e =$ ____

____ 7. $5(2z - 4) = 148$
 $z =$ ____

____ 8. $-3(5 - 2o) = 45$
 $o =$ ____

____ 9. $\frac{1}{2}(4m + 5) = -6$
 $m =$ ____

____ 10. $10 = 0.25(b - 12)$
 $b =$ ____

____ 11. $(8i + 1)5 = 12$
 $i =$ ____

____ 12. $900 = (10 + 20e)30$
 $e =$ ____

____ 13. $4z - 10 + 6z = -30$
 $z =$ ____

____ 14. $1 = 4 + 2o - 6 - 5o$
 $o =$ ____

____ 15. $5(13 - m) - 10m = 0$
 $m =$ ____

____ 16. $12b - 5 = 8b - 33$
 $b =$ ____

____ 17. $4i - 5 = 2i - 6 + i$
 $i =$ ____

____ 18. $-6e - 7 + 3e = 2 - 4e + 5$
 $e =$ ____

____ 19. $3(5 - z) = 2z + 3 + z$
 $z =$ ____

____ 20. $4o - 6 + 8o = 6(2o - 1)$
 $o =$ ____

____ 21. $-(7 - 2m) = -m + 7 + 3m$
 $m =$ ____

____ 22. $2(b + 36) = (4b - 10)6$
 $b =$ ____

____ 23. $8 - 2i - 1 - i = -8 + 2i + 1 + i$
 $i =$ ____

____ 24. $-e + 2 - 3e + 4 = -5 + 6e - 7 + 8e$
 $e =$ ____

