

NAME key

Mixed Practice: Solving 1-Step Equations

Directions

- Solve each equation below.
- Be sure to show all of your work!

1. $x - 6 = -18$

$x = -12$

2. $\frac{a}{-6} = 2$

$a = -12$

3. $9 + k = 27$

$k = 18$

4. $-114 = -6k$

$k = 19$

5. $\frac{2}{-3}a = 15$

$a = -22.5$

6. $n - 19 = 26$

$n = 45$

7. $0 = \frac{d}{19}$

$d = 0$

8. $9 = \frac{1}{4}d$

$d = 36$

9. $136 = 8y$

$y = 17$

10. $14 + t = -17$

$t = -31$

11. $15 = -3 + s$

$s = 18$

12. $\frac{n}{-9} = -107$

$n = 963$

13. $-14 = 8 + j$

$j = -22$

14. $37c = -777$

$c = -21$

15. $y - 18 = 24$

$y = 42$

$$16. \frac{u}{-5} = 80$$

$$u = -400$$

$$17. -4 + p = -21$$

$$p = -17$$

$$18. -16 = -8x$$

$$x = 2$$

$$19. 48 = 12f$$

$$f = 4$$

$$20. -60 = r - 40$$

$$r = -20$$

$$21. t + 4 = -12$$

$$t = -16$$

$$22. 10e = -70$$

$$e = -7$$

$$23. 3 = -3 + c$$

$$c = 6$$

$$24. -64 = \frac{k}{8}$$

$$k = -512$$

25. Yesterday Josh sold some boxes of greeting cards. Today he sold seven boxes. If he sold 25 boxes in all, how many did he sell yesterday?

$x = \#$ of boxes sold yesterday

$$x + 7 = 25$$

$x = 18$ boxes sold yesterday

26. Skylar bought seven books at \$12.95 each. How much did skylark spend?

$x = \$$ spent

$$\frac{x}{7} = 12.95$$

$x = \$90.65$ spent

27. After Simon donated four books to the school library, he had 28 books left. How many books did Simon have to start with?

$x = \#$ of books Simon started with

$$x - 4 = 28$$

$x = 32$ books Simon started with