

ANSWER, FIND, and SHADE
MULTI-STEP EQUATIONS

ANSWERS

1. $-3r = 2(24 - 3r)$

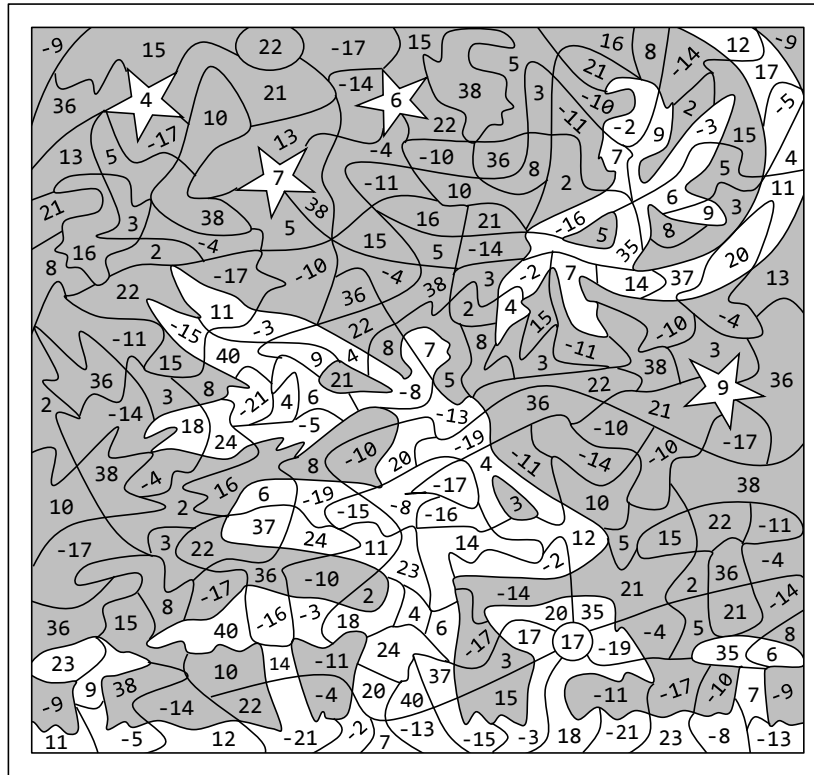
$r = 16$

3. $p = 30 - (4 + p)$

$p = 13$

5. $3 = 6y - (5 + 2y)$

$y = 2$



2. $-3(b - 8) = b - 16$

$b = 10$

4. $4(2g - 33) = 2g$

$g = 22$

6. $5(15 - c) = 0$

$c = 15$

7. $3(5 + 3x) = -3(6 - 2x)$

$x = -11$

8. $9n + 21 = 8n + 7$

$n = -14$

9. $2(4 - v) = 4(6 - v)$

$v = 8$

10. $-7(6 - t) = 3(t + 14)$

$t = 21$

11. $6h + 7 = 3(4h - 71) - 8$

$h = 38$

12. $-2(4d - 3) = -(5d + 3)$

$d = 3$

13. $9w + 8 - 2w = 4w - 22$

$w = -10$

14. $-3k - 4 - k = k + 16$

$k = -4$

15. $2(2e - 8) + 5e = 29$

$e = 5$

16. $3 = 116 - 7f + 139$

$f = 36$

17. $-(71 + 9m) = 82$

$m = -17$

18. $2(1 - q) - 3 = 17$

$q = -9$