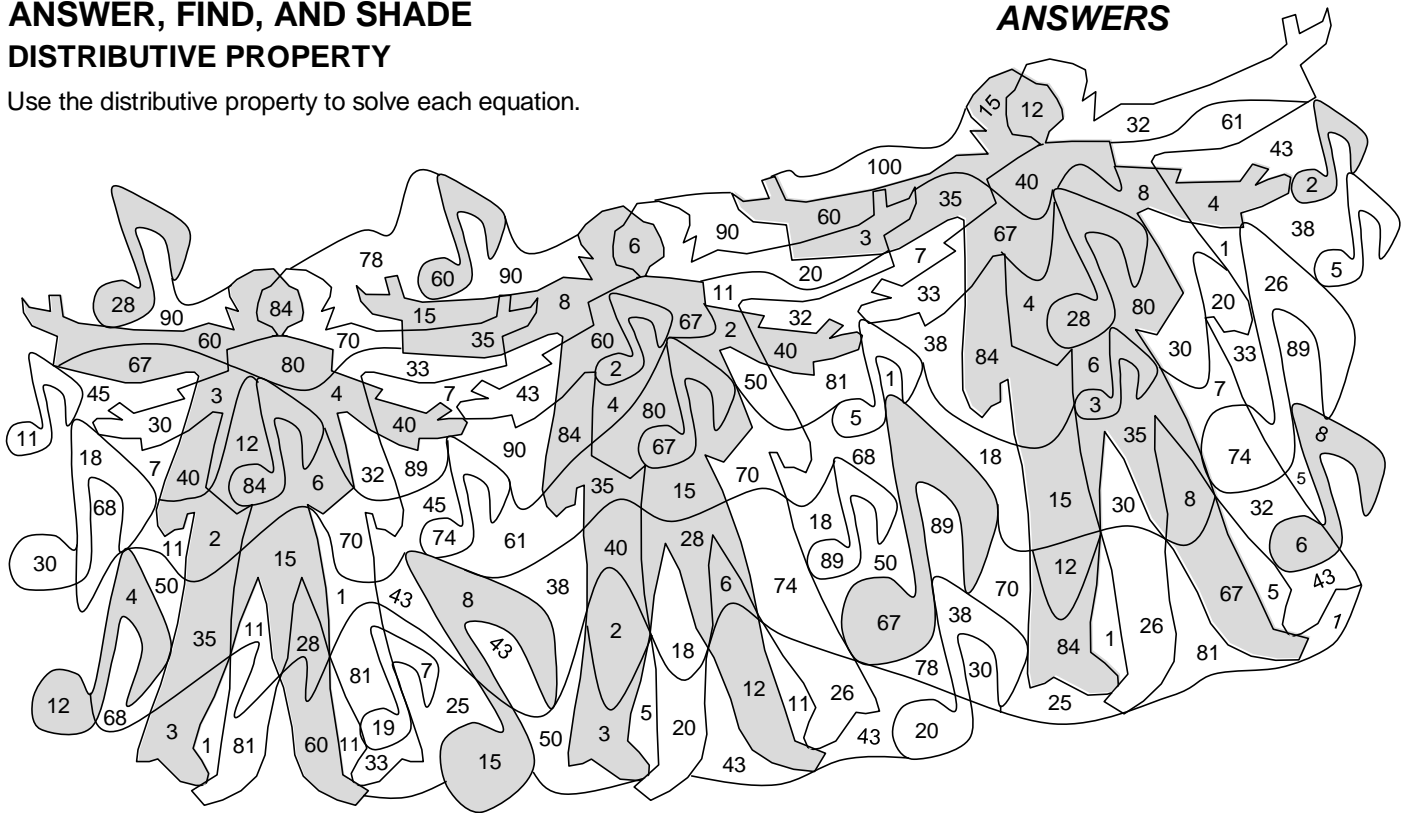


ANSWER, FIND, AND SHADE

DISTRIBUTIVE PROPERTY

Use the distributive property to solve each equation.

ANSWERS



1. $3(2y - 30) - 2(y + 50) = 130$

$y = 80$

2. $14v - 4(5 + 3v) = 36$

$v = 28$

3. $\frac{2}{7}(42 - m) + 2(m - 34) = 88$

$m = 84$

4. $-(47 - c) - 2(c - 38) = -38$

$c = 67$

5. $9(30 - 10g) - 8(-2 - 5g) = 186$

$g = 2$

6. $2(3m - 42) + 4(27 - m) = 94$

$t = 35$

7. $\frac{1}{2}(82 - 4d) + 4(30 + d) = 241$

$d = 40$

8. $7(4k + 3) + 4(6k - 8) = 145$

$k = 3$

9. $-30 = \frac{1}{5}(3u - 5) - (8 + 2u)$

$u = 15$

10. $11 = 8(4 - e) + 3(3e - 11)$

$e = 12$

11. $-6 = -4(-8p + 36) - 9(5p - 24)$

$p = 6$

12. $\frac{1}{3}(2f + 63) - f = 1$

$f = 60$

13. $44 = 7(7r - 16) + 5(3r - 20)$

$r = 4$

14. $-6 = -2(3b + 9) - 5(4 - 2b)$

$b = 8$