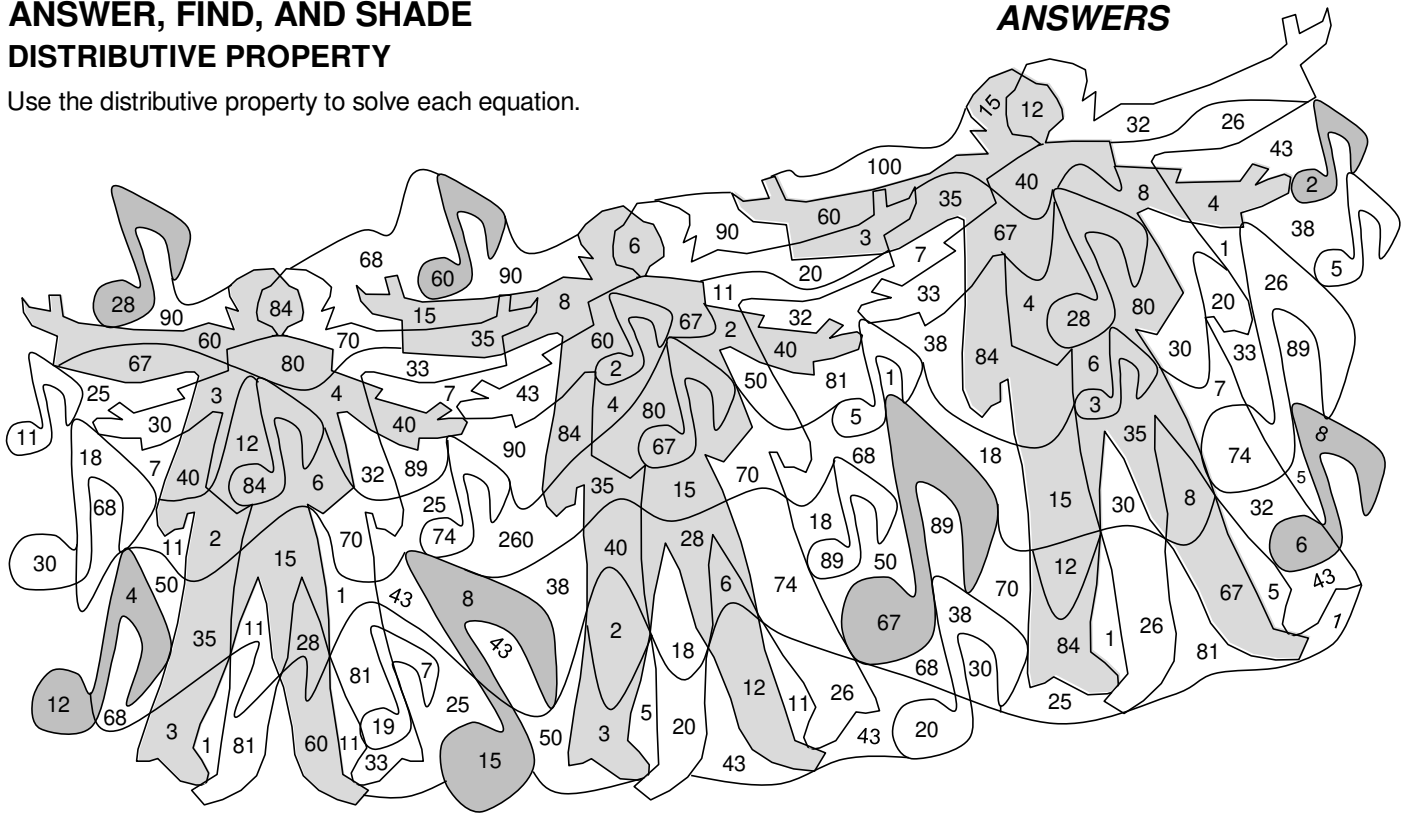


ANSWER, FIND, AND SHADE DISTRIBUTIVE PROPERTY

Use the distributive property to solve each equation.

ANSWERS



1. $2(d - 35) = 90$

$d = 80$

2. $5(7 - 2a) + 2 = 7$

$a = 3$

3. $129 = 4r + 3(3r - 9)$

$r = 12$

4. $3b - 2(b - 7) = 54$

$b = 40$

5. $\frac{1}{2}(e - 30) + 2e = 135$

$e = 60$

6. $0 = 7f + 4(5 - 3f)$

$f = 4$

7. $2(2m - 65) - m = -25$

$m = 35$

8. $20 = 3(w - 12) - w$

$w = 28$

9. $-2(11 + 2h) + h = -46$

$h = 8$

10. $\frac{1}{4}(t + 16) + t = 109$

$t = 84$

11. $-(8 - 6n) - 2n = 16$

$n = 6$

12. $200 = 2(k + 25) + 16$

$k = 67$

13. $6g + 5(6 - 4g) = 2$

$g = 2$

14. $100 = 4(2u + 10) - 60$

$u = 15$