

Distributive property

Name: _____ Date: _____

Solve. Distribute first, then collect like terms.

1. $3(n + 8) + 4 = 10$

$n =$ _____

2. $4(m + 9) = 6m + 52$

$m =$ _____

3. $2(y - 2) = 6y + 12$

$y =$ _____

4. $2(k + 6) = -5k + 26$

$k =$ _____

5. $4(n - 5) - 15 = -11$

$n =$ _____

6. $6(t - 7) = 9t - 27$

$t =$ _____

7. $-2(x - 9) + 8 = 30$

$x =$ _____

8. $5(m + 4) = 9m + 12$

$m =$ _____

9. $-4(m + 2) - 9 = 11$

$m =$ _____

10. $3(k + 2) = 9k - 36$

$k =$ _____

11. $4(k - 4) = 9k - 16$

$k =$ _____

12. $-5(k - 3) = 9k - 125$

$k =$ _____