

## Distributive property

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Solve. Distribute first, then collect like terms.

---

1.  $3(n - 7) + 9 = -18$

$n =$  \_\_\_\_\_

2.  $3(m - 9) + 10 = -5$

$m =$  \_\_\_\_\_

3.  $3(n - 6) - 15 = -33$

$n =$  \_\_\_\_\_

4.  $2(t - 9) = 4t - 22$

$t =$  \_\_\_\_\_

5.  $-6(t + 7) = 6t - 6$

$t =$  \_\_\_\_\_

6.  $-3(k + 2) = 5k + 18$

$k =$  \_\_\_\_\_

7.  $4(n - 6) = 7n - 24$

$n =$  \_\_\_\_\_

8.  $2(m - 3) + 13 = 5$

$m =$  \_\_\_\_\_

9.  $2(m + 3) = 6m - 26$

$m =$  \_\_\_\_\_

10.  $5(n + 3) = 2n + 24$

$n =$  \_\_\_\_\_

11.  $5(k + 2) + 1 = -29$

$k =$  \_\_\_\_\_

12.  $6(x - 4) = 2x$

$x =$  \_\_\_\_\_