

# Unknown Variables in Equations (F)

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

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

Determine the value of each variable.

1.  $2 = 10 - t$

2.  $8 - 6 = p$

3.  $z = 4 - 2$

4.  $17 - 11 = k$

5.  $c - 10 = 6$

6.  $22 - 18 = n$

7.  $13 - s = 1$

8.  $11 = d - 12$

9.  $19 - 13 = f$

10.  $12 = v - 5$

11.  $b = 25 - 20$

12.  $x - 19 = 9$

13.  $16 = 21 - y$

14.  $18 = 20 - g$

15.  $29 - 16 = h$

16.  $6 - m = 1$

17.  $a - 12 = 9$

18.  $14 - 5 = w$

19.  $32 - 14 = j$

20.  $11 = 13 - r$

# Unknown Variables in Equations (F) Answers

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

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

Determine the value of each variable.

1.  $2 = 10 - t$

$t = 8$

2.  $8 - 6 = p$

$p = 2$

3.  $z = 4 - 2$

$z = 2$

4.  $17 - 11 = k$

$k = 6$

5.  $c - 10 = 6$

$c = 16$

6.  $22 - 18 = n$

$n = 4$

7.  $13 - s = 1$

$s = 12$

8.  $11 = d - 12$

$d = 23$

9.  $19 - 13 = f$

$f = 6$

10.  $12 = v - 5$

$v = 17$

11.  $b = 25 - 20$

$b = 5$

12.  $x - 19 = 9$

$x = 28$

13.  $16 = 21 - y$

$y = 5$

14.  $18 = 20 - g$

$g = 2$

15.  $29 - 16 = h$

$h = 13$

16.  $6 - m = 1$

$m = 5$

17.  $a - 12 = 9$

$a = 21$

18.  $14 - 5 = w$

$w = 9$

19.  $32 - 14 = j$

$j = 18$

20.  $11 = 13 - r$

$r = 2$