Unknown Variables in Equations (F)

Name: _____ Date: _____

Determine the value of each variable.

1. $12 = j + 10$
2. $z = 4 + 20$
3. $34 = g + 19$
4. $16 = c + 10$
5. $18 = 6 + n$
6. $12 + w = 14$
7. $r = 14 + 17$
8. $13 + 7 = k$
9. $24 = a + 7$
10. $m = 17 + 6$
11. $s + 14 = 34$
12. $f + 20 = 31$
13. $7 + 3 = v$
14. $4 + y = 18$
15. $17 = 9 + x$
16. $10 + d = 29$
17. $9 = t + 1$
18. $p + 13 = 30$
19. $10 + 2 = h$
20. $b + 10 = 30$

Unknown Variables in Equations (F) Answers

Name: _____ Date: _____

Determine the value of each variable.

1. $12 = j + 10$
   $j = 2$

2. $z = 4 + 20$
   $z = 24$

3. $34 = g + 19$
   $g = 15$

4. $16 = c + 10$
   $c = 6$

5. $18 = 6 + n$
   $n = 12$

6. $12 + w = 14$
   $w = 2$

7. $r = 14 + 17$
   $r = 31$

8. $13 + 7 = k$
   $k = 20$

9. $24 = a + 7$
   $a = 17$

10. $m = 17 + 6$
    $m = 23$

11. $s + 14 = 34$
    $s = 20$

12. $f + 20 = 31$
    $f = 11$

13. $7 + 3 = v$
    $v = 10$

14. $4 + y = 18$
    $y = 14$

15. $17 = 9 + x$
    $x = 8$

16. $10 + d = 29$
    $d = 19$

17. $9 = t + 1$
    $t = 8$

18. $p + 13 = 30$
    $p = 17$

19. $10 + 2 = h$
    $h = 12$

20. $b + 10 = 30$
    $b = 20$