

# Unknown Variables in Equations (E)

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

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

Determine the value of each variable.

1.  $4 = 1 + f$

2.  $54 \div x = 9$

3.  $r - 6 = 6$

4.  $a \times 5 = 5$

5.  $t - 8 = 8$

6.  $11 - v = 9$

7.  $5 = 40 \div d$

8.  $2 \times y = 8$

9.  $n = 4 \times 7$

10.  $z = 7 \div 1$

11.  $b + 9 = 14$

12.  $5 = j \div 6$

13.  $3 + h = 4$

14.  $8 \times 3 = w$

15.  $4 \times 3 = p$

16.  $18 \div k = 9$

17.  $8 \times 3 = c$

18.  $g - 2 = 2$

19.  $15 = 3 \times m$

20.  $s = 5 + 7$

# Unknown Variables in Equations (E) Answers

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

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

Determine the value of each variable.

1.  $4 = 1 + f$

$f = 3$

2.  $54 \div x = 9$

$x = 6$

3.  $r - 6 = 6$

$r = 12$

4.  $a \times 5 = 5$

$a = 1$

5.  $t - 8 = 8$

$t = 16$

6.  $11 - v = 9$

$v = 2$

7.  $5 = 40 \div d$

$d = 8$

8.  $2 \times y = 8$

$y = 4$

9.  $n = 4 \times 7$

$n = 28$

10.  $z = 7 \div 1$

$z = 7$

11.  $b + 9 = 14$

$b = 5$

12.  $5 = j \div 6$

$j = 30$

13.  $3 + h = 4$

$h = 1$

14.  $8 \times 3 = w$

$w = 24$

15.  $4 \times 3 = p$

$p = 12$

16.  $18 \div k = 9$

$k = 2$

17.  $8 \times 3 = c$

$c = 24$

18.  $g - 2 = 2$

$g = 4$

19.  $15 = 3 \times m$

$m = 5$

20.  $s = 5 + 7$

$s = 12$