

# Unknown Variables in Equations (A)

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

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

Determine the value of each variable.

1.  $t = 72 \div 8$

2.  $27 \div 3 = z$

3.  $27 \div 9 = g$

4.  $y = 15 \div 3$

5.  $j \div 7 = 4$

6.  $k = 8 \div 4$

7.  $8 = n \div 4$

8.  $63 \div a = 9$

9.  $8 = 24 \div c$

10.  $6 \div 3 = f$

11.  $x \div 8 = 2$

12.  $6 \div b = 6$

13.  $v = 56 \div 7$

14.  $72 \div 9 = m$

15.  $3 = 6 \div r$

16.  $w \div 8 = 7$

17.  $5 = 30 \div d$

18.  $s = 48 \div 8$

19.  $4 = p \div 8$

20.  $3 = h \div 4$

# Unknown Variables in Equations (A) Answers

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

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

Determine the value of each variable.

1.  $t = 72 \div 8$

$t = 9$

2.  $27 \div 3 = z$

$z = 9$

3.  $27 \div 9 = g$

$g = 3$

4.  $y = 15 \div 3$

$y = 5$

5.  $j \div 7 = 4$

$j = 28$

6.  $k = 8 \div 4$

$k = 2$

7.  $8 = n \div 4$

$n = 32$

8.  $63 \div a = 9$

$a = 7$

9.  $8 = 24 \div c$

$c = 3$

10.  $6 \div 3 = f$

$f = 2$

11.  $x \div 8 = 2$

$x = 16$

12.  $6 \div b = 6$

$b = 1$

13.  $v = 56 \div 7$

$v = 8$

14.  $72 \div 9 = m$

$m = 8$

15.  $3 = 6 \div r$

$r = 2$

16.  $w \div 8 = 7$

$w = 56$

17.  $5 = 30 \div d$

$d = 6$

18.  $s = 48 \div 8$

$s = 6$

19.  $4 = p \div 8$

$p = 32$

20.  $3 = h \div 4$

$h = 12$

## Unknown Variables in Equations (B)

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

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

Determine the value of each variable.

1.  $3 = 6 \div d$

2.  $g \div 9 = 1$

3.  $27 \div j = 3$

4.  $30 \div 6 = f$

5.  $2 = r \div 3$

6.  $7 = 56 \div x$

7.  $4 = 16 \div h$

8.  $3 = 6 \div s$

9.  $b \div 7 = 8$

10.  $k = 7 \div 1$

11.  $7 = a \div 1$

12.  $m = 14 \div 2$

13.  $t = 40 \div 8$

14.  $5 = 15 \div z$

15.  $12 \div 2 = v$

16.  $8 = 72 \div n$

17.  $w = 28 \div 7$

18.  $8 = 40 \div p$

19.  $5 = c \div 3$

20.  $24 \div 8 = y$

# Unknown Variables in Equations (B) Answers

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

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

Determine the value of each variable.

1.  $3 = 6 \div d$

$d = 2$

2.  $g \div 9 = 1$

$g = 9$

3.  $27 \div j = 3$

$j = 9$

4.  $30 \div 6 = f$

$f = 5$

5.  $2 = r \div 3$

$r = 6$

6.  $7 = 56 \div x$

$x = 8$

7.  $4 = 16 \div h$

$h = 4$

8.  $3 = 6 \div s$

$s = 2$

9.  $b \div 7 = 8$

$b = 56$

10.  $k = 7 \div 1$

$k = 7$

11.  $7 = a \div 1$

$a = 7$

12.  $m = 14 \div 2$

$m = 7$

13.  $t = 40 \div 8$

$t = 5$

14.  $5 = 15 \div z$

$z = 3$

15.  $12 \div 2 = v$

$v = 6$

16.  $8 = 72 \div n$

$n = 9$

17.  $w = 28 \div 7$

$w = 4$

18.  $8 = 40 \div p$

$p = 5$

19.  $5 = c \div 3$

$c = 15$

20.  $24 \div 8 = y$

$y = 3$

## Unknown Variables in Equations (C)

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

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

Determine the value of each variable.

1.  $k = 21 \div 7$

2.  $35 \div 5 = n$

3.  $30 \div m = 6$

4.  $a \div 2 = 7$

5.  $c \div 7 = 1$

6.  $36 \div 9 = z$

7.  $1 = h \div 4$

8.  $t \div 7 = 8$

9.  $w = 2 \div 1$

10.  $3 = j \div 7$

11.  $28 \div 7 = v$

12.  $12 \div 4 = y$

13.  $5 = d \div 4$

14.  $1 = 4 \div f$

15.  $r = 10 \div 5$

16.  $x \div 4 = 8$

17.  $5 = 10 \div p$

18.  $1 = 5 \div g$

19.  $9 \div 1 = b$

20.  $s \div 1 = 2$

# Unknown Variables in Equations (C) Answers

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

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

Determine the value of each variable.

1.  $k = 21 \div 7$

$k = 3$

2.  $35 \div 5 = n$

$n = 7$

3.  $30 \div m = 6$

$m = 5$

4.  $a \div 2 = 7$

$a = 14$

5.  $c \div 7 = 1$

$c = 7$

6.  $36 \div 9 = z$

$z = 4$

7.  $1 = h \div 4$

$h = 4$

8.  $t \div 7 = 8$

$t = 56$

9.  $w = 2 \div 1$

$w = 2$

10.  $3 = j \div 7$

$j = 21$

11.  $28 \div 7 = v$

$v = 4$

12.  $12 \div 4 = y$

$y = 3$

13.  $5 = d \div 4$

$d = 20$

14.  $1 = 4 \div f$

$f = 4$

15.  $r = 10 \div 5$

$r = 2$

16.  $x \div 4 = 8$

$x = 32$

17.  $5 = 10 \div p$

$p = 2$

18.  $1 = 5 \div g$

$g = 5$

19.  $9 \div 1 = b$

$b = 9$

20.  $s \div 1 = 2$

$s = 2$

## Unknown Variables in Equations (D)

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

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

Determine the value of each variable.

1.  $1 = h \div 9$

2.  $6 = v \div 3$

3.  $5 = x \div 4$

4.  $9 \div 9 = c$

5.  $5 = 20 \div r$

6.  $8 = s \div 3$

7.  $6 = k \div 7$

8.  $w = 27 \div 9$

9.  $2 = z \div 7$

10.  $6 = a \div 7$

11.  $g = 27 \div 3$

12.  $15 \div m = 3$

13.  $t = 6 \div 3$

14.  $p = 72 \div 8$

15.  $n \div 3 = 3$

16.  $63 \div 7 = j$

17.  $7 = y \div 1$

18.  $5 = f \div 1$

19.  $b \div 5 = 4$

20.  $1 = 9 \div d$

# Unknown Variables in Equations (D) Answers

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

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

Determine the value of each variable.

1.  $1 = h \div 9$

$h = 9$

2.  $6 = v \div 3$

$v = 18$

3.  $5 = x \div 4$

$x = 20$

4.  $9 \div 9 = c$

$c = 1$

5.  $5 = 20 \div r$

$r = 4$

6.  $8 = s \div 3$

$s = 24$

7.  $6 = k \div 7$

$k = 42$

8.  $w = 27 \div 9$

$w = 3$

9.  $2 = z \div 7$

$z = 14$

10.  $6 = a \div 7$

$a = 42$

11.  $g = 27 \div 3$

$g = 9$

12.  $15 \div m = 3$

$m = 5$

13.  $t = 6 \div 3$

$t = 2$

14.  $p = 72 \div 8$

$p = 9$

15.  $n \div 3 = 3$

$n = 9$

16.  $63 \div 7 = j$

$j = 9$

17.  $7 = y \div 1$

$y = 7$

18.  $5 = f \div 1$

$f = 5$

19.  $b \div 5 = 4$

$b = 20$

20.  $1 = 9 \div d$

$d = 9$



## Unknown Variables in Equations (E)

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

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

Determine the value of each variable.

1.  $9 = 45 \div z$

2.  $72 \div k = 8$

3.  $1 = v \div 1$

4.  $1 = x \div 5$

5.  $32 \div c = 4$

6.  $24 \div 6 = y$

7.  $4 \div 1 = b$

8.  $2 = 6 \div h$

9.  $m \div 3 = 4$

10.  $w \div 4 = 2$

11.  $p \div 8 = 4$

12.  $3 = d \div 4$

13.  $63 \div s = 9$

14.  $6 = j \div 5$

15.  $10 \div 2 = a$

16.  $3 \div 3 = r$

17.  $t = 6 \div 2$

18.  $9 = n \div 4$

19.  $f = 28 \div 4$

20.  $2 = g \div 7$

# Unknown Variables in Equations (E) Answers

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

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

Determine the value of each variable.

1.  $9 = 45 \div z$

$z = 5$

2.  $72 \div k = 8$

$k = 9$

3.  $1 = v \div 1$

$v = 1$

4.  $1 = x \div 5$

$x = 5$

5.  $32 \div c = 4$

$c = 8$

6.  $24 \div 6 = y$

$y = 4$

7.  $4 \div 1 = b$

$b = 4$

8.  $2 = 6 \div h$

$h = 3$

9.  $m \div 3 = 4$

$m = 12$

10.  $w \div 4 = 2$

$w = 8$

11.  $p \div 8 = 4$

$p = 32$

12.  $3 = d \div 4$

$d = 12$

13.  $63 \div s = 9$

$s = 7$

14.  $6 = j \div 5$

$j = 30$

15.  $10 \div 2 = a$

$a = 5$

16.  $3 \div 3 = r$

$r = 1$

17.  $t = 6 \div 2$

$t = 3$

18.  $9 = n \div 4$

$n = 36$

19.  $f = 28 \div 4$

$f = 7$

20.  $2 = g \div 7$

$g = 14$

## Unknown Variables in Equations (F)

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

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

Determine the value of each variable.

1.  $4 = 24 \div k$

2.  $30 \div z = 6$

3.  $6 = s \div 7$

4.  $9 = x \div 2$

5.  $d = 12 \div 4$

6.  $10 \div a = 2$

7.  $8 = m \div 8$

8.  $32 \div h = 4$

9.  $1 = j \div 4$

10.  $28 \div y = 4$

11.  $v \div 3 = 5$

12.  $3 \div w = 3$

13.  $c = 16 \div 2$

14.  $8 = p \div 5$

15.  $24 \div g = 6$

16.  $18 \div 2 = t$

17.  $b = 4 \div 4$

18.  $24 \div 4 = n$

19.  $f \div 5 = 5$

20.  $2 = r \div 2$

# Unknown Variables in Equations (F) Answers

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

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

Determine the value of each variable.

1.  $4 = 24 \div k$

$k = 6$

2.  $30 \div z = 6$

$z = 5$

3.  $6 = s \div 7$

$s = 42$

4.  $9 = x \div 2$

$x = 18$

5.  $d = 12 \div 4$

$d = 3$

6.  $10 \div a = 2$

$a = 5$

7.  $8 = m \div 8$

$m = 64$

8.  $32 \div h = 4$

$h = 8$

9.  $1 = j \div 4$

$j = 4$

10.  $28 \div y = 4$

$y = 7$

11.  $v \div 3 = 5$

$v = 15$

12.  $3 \div w = 3$

$w = 1$

13.  $c = 16 \div 2$

$c = 8$

14.  $8 = p \div 5$

$p = 40$

15.  $24 \div g = 6$

$g = 4$

16.  $18 \div 2 = t$

$t = 9$

17.  $b = 4 \div 4$

$b = 1$

18.  $24 \div 4 = n$

$n = 6$

19.  $f \div 5 = 5$

$f = 25$

20.  $2 = r \div 2$

$r = 4$

# Unknown Variables in Equations (G)

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

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

Determine the value of each variable.

1.  $8 = 32 \div b$

2.  $7 \div 1 = p$

3.  $1 = 8 \div j$

4.  $24 \div x = 6$

5.  $t = 10 \div 5$

6.  $45 \div 5 = w$

7.  $a \div 1 = 3$

8.  $2 = k \div 3$

9.  $5 = c \div 2$

10.  $r \div 3 = 8$

11.  $1 = 2 \div h$

12.  $6 = z \div 2$

13.  $4 = 4 \div v$

14.  $g = 5 \div 5$

15.  $9 = s \div 9$

16.  $y \div 3 = 3$

17.  $7 \div f = 1$

18.  $27 \div n = 9$

19.  $24 \div d = 6$

20.  $m \div 1 = 5$

# Unknown Variables in Equations (G) Answers

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

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

Determine the value of each variable.

1.  $8 = 32 \div b$

$b = 4$

2.  $7 \div 1 = p$

$p = 7$

3.  $1 = 8 \div j$

$j = 8$

4.  $24 \div x = 6$

$x = 4$

5.  $t = 10 \div 5$

$t = 2$

6.  $45 \div 5 = w$

$w = 9$

7.  $a \div 1 = 3$

$a = 3$

8.  $2 = k \div 3$

$k = 6$

9.  $5 = c \div 2$

$c = 10$

10.  $r \div 3 = 8$

$r = 24$

11.  $1 = 2 \div h$

$h = 2$

12.  $6 = z \div 2$

$z = 12$

13.  $4 = 4 \div v$

$v = 1$

14.  $g = 5 \div 5$

$g = 1$

15.  $9 = s \div 9$

$s = 81$

16.  $y \div 3 = 3$

$y = 9$

17.  $7 \div f = 1$

$f = 7$

18.  $27 \div n = 9$

$n = 3$

19.  $24 \div d = 6$

$d = 4$

20.  $m \div 1 = 5$

$m = 5$

# Unknown Variables in Equations (H)

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

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

Determine the value of each variable.

1.  $1 = 5 \div a$

2.  $8 = w \div 4$

3.  $1 = y \div 2$

4.  $x = 32 \div 8$

5.  $16 \div v = 4$

6.  $8 = k \div 6$

7.  $18 \div 2 = j$

8.  $56 \div 7 = z$

9.  $4 = d \div 4$

10.  $g = 12 \div 4$

11.  $c \div 6 = 1$

12.  $b = 15 \div 3$

13.  $f \div 5 = 7$

14.  $p = 28 \div 7$

15.  $5 = h \div 7$

16.  $2 = t \div 4$

17.  $63 \div 7 = s$

18.  $8 = 72 \div m$

19.  $40 \div 8 = r$

20.  $n = 20 \div 5$

# Unknown Variables in Equations (H) Answers

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

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

Determine the value of each variable.

1.  $1 = 5 \div a$

$a = 5$

2.  $8 = w \div 4$

$w = 32$

3.  $1 = y \div 2$

$y = 2$

4.  $x = 32 \div 8$

$x = 4$

5.  $16 \div v = 4$

$v = 4$

6.  $8 = k \div 6$

$k = 48$

7.  $18 \div 2 = j$

$j = 9$

8.  $56 \div 7 = z$

$z = 8$

9.  $4 = d \div 4$

$d = 16$

10.  $g = 12 \div 4$

$g = 3$

11.  $c \div 6 = 1$

$c = 6$

12.  $b = 15 \div 3$

$b = 5$

13.  $f \div 5 = 7$

$f = 35$

14.  $p = 28 \div 7$

$p = 4$

15.  $5 = h \div 7$

$h = 35$

16.  $2 = t \div 4$

$t = 8$

17.  $63 \div 7 = s$

$s = 9$

18.  $8 = 72 \div m$

$m = 9$

19.  $40 \div 8 = r$

$r = 5$

20.  $n = 20 \div 5$

$n = 4$



# Unknown Variables in Equations (I)

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

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

Determine the value of each variable.

1.  $a \div 1 = 8$

2.  $9 = 27 \div b$

3.  $x = 21 \div 3$

4.  $1 = r \div 8$

5.  $k \div 8 = 8$

6.  $4 = s \div 4$

7.  $7 \div j = 7$

8.  $7 = p \div 5$

9.  $16 \div m = 2$

10.  $36 \div 4 = h$

11.  $w \div 1 = 2$

12.  $g = 15 \div 5$

13.  $36 \div c = 9$

14.  $2 = f \div 7$

15.  $9 = d \div 3$

16.  $6 \div v = 6$

17.  $1 = 8 \div y$

18.  $32 \div 4 = n$

19.  $18 \div 3 = z$

20.  $4 = t \div 2$

# Unknown Variables in Equations (I) Answers

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

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

Determine the value of each variable.

1.  $a \div 1 = 8$

$a = 8$

2.  $9 = 27 \div b$

$b = 3$

3.  $x = 21 \div 3$

$x = 7$

4.  $1 = r \div 8$

$r = 8$

5.  $k \div 8 = 8$

$k = 64$

6.  $4 = s \div 4$

$s = 16$

7.  $7 \div j = 7$

$j = 1$

8.  $7 = p \div 5$

$p = 35$

9.  $16 \div m = 2$

$m = 8$

10.  $36 \div 4 = h$

$h = 9$

11.  $w \div 1 = 2$

$w = 2$

12.  $g = 15 \div 5$

$g = 3$

13.  $36 \div c = 9$

$c = 4$

14.  $2 = f \div 7$

$f = 14$

15.  $9 = d \div 3$

$d = 27$

16.  $6 \div v = 6$

$v = 1$

17.  $1 = 8 \div y$

$y = 8$

18.  $32 \div 4 = n$

$n = 8$

19.  $18 \div 3 = z$

$z = 6$

20.  $4 = t \div 2$

$t = 8$

# Unknown Variables in Equations (J)

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

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

Determine the value of each variable.

1.  $12 \div v = 4$

2.  $s \div 8 = 7$

3.  $d \div 1 = 8$

4.  $8 = z \div 4$

5.  $k \div 4 = 5$

6.  $8 = 16 \div p$

7.  $4 = 28 \div w$

8.  $5 \div 5 = t$

9.  $4 = a \div 5$

10.  $6 = 36 \div r$

11.  $16 \div b = 4$

12.  $g \div 5 = 8$

13.  $4 = 20 \div n$

14.  $4 = 36 \div f$

15.  $24 \div 3 = c$

16.  $x \div 4 = 4$

17.  $j = 18 \div 6$

18.  $2 = m \div 3$

19.  $5 = y \div 7$

20.  $12 \div h = 4$

# Unknown Variables in Equations (J) Answers

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

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

Determine the value of each variable.

1.  $12 \div v = 4$

$v = 3$

2.  $s \div 8 = 7$

$s = 56$

3.  $d \div 1 = 8$

$d = 8$

4.  $8 = z \div 4$

$z = 32$

5.  $k \div 4 = 5$

$k = 20$

6.  $8 = 16 \div p$

$p = 2$

7.  $4 = 28 \div w$

$w = 7$

8.  $5 \div 5 = t$

$t = 1$

9.  $4 = a \div 5$

$a = 20$

10.  $6 = 36 \div r$

$r = 6$

11.  $16 \div b = 4$

$b = 4$

12.  $g \div 5 = 8$

$g = 40$

13.  $4 = 20 \div n$

$n = 5$

14.  $4 = 36 \div f$

$f = 9$

15.  $24 \div 3 = c$

$c = 8$

16.  $x \div 4 = 4$

$x = 16$

17.  $j = 18 \div 6$

$j = 3$

18.  $2 = m \div 3$

$m = 6$

19.  $5 = y \div 7$

$y = 35$

20.  $12 \div h = 4$

$h = 3$