

Unknown Variables in Equations (A)

Name: _____

Date: _____

Determine the value of each variable.

1. $d \times 6 = 12$

2. $63 = 9 \times h$

3. $8 = s \times 2$

4. $8 = 1 \times j$

5. $8 = z \times 4$

6. $7 = 7 \times p$

7. $5 \times 8 = f$

8. $y = 2 \times 4$

9. $28 = v \times 4$

10. $4 \times c = 8$

11. $2 \times 4 = n$

12. $3 = 1 \times x$

13. $56 = 8 \times w$

14. $r \times 3 = 9$

15. $7 \times b = 35$

16. $1 \times m = 9$

17. $t = 4 \times 7$

18. $32 = 8 \times g$

19. $30 = a \times 5$

20. $18 = k \times 6$

Unknown Variables in Equations (A) Answers

Name: _____

Date: _____

Determine the value of each variable.

1. $d \times 6 = 12$

$d = 2$

2. $63 = 9 \times h$

$h = 7$

3. $8 = s \times 2$

$s = 4$

4. $8 = 1 \times j$

$j = 8$

5. $8 = z \times 4$

$z = 2$

6. $7 = 7 \times p$

$p = 1$

7. $5 \times 8 = f$

$f = 40$

8. $y = 2 \times 4$

$y = 8$

9. $28 = v \times 4$

$v = 7$

10. $4 \times c = 8$

$c = 2$

11. $2 \times 4 = n$

$n = 8$

12. $3 = 1 \times x$

$x = 3$

13. $56 = 8 \times w$

$w = 7$

14. $r \times 3 = 9$

$r = 3$

15. $7 \times b = 35$

$b = 5$

16. $1 \times m = 9$

$m = 9$

17. $t = 4 \times 7$

$t = 28$

18. $32 = 8 \times g$

$g = 4$

19. $30 = a \times 5$

$a = 6$

20. $18 = k \times 6$

$k = 3$

Unknown Variables in Equations (B)

Name: _____

Date: _____

Determine the value of each variable.

1. $b \times 2 = 4$

2. $30 = 6 \times k$

3. $9 \times p = 18$

4. $7 = 1 \times z$

5. $g \times 6 = 48$

6. $7 \times 1 = t$

7. $s = 1 \times 3$

8. $j \times 6 = 30$

9. $18 = a \times 3$

10. $w = 2 \times 5$

11. $2 \times d = 14$

12. $6 \times c = 54$

13. $18 = n \times 2$

14. $12 = y \times 4$

15. $x \times 3 = 24$

16. $4 \times 4 = h$

17. $40 = v \times 5$

18. $3 \times r = 18$

19. $2 \times 3 = f$

20. $1 \times 5 = m$

Unknown Variables in Equations (B) Answers

Name: _____

Date: _____

Determine the value of each variable.

1. $b \times 2 = 4$

$b = 2$

2. $30 = 6 \times k$

$k = 5$

3. $9 \times p = 18$

$p = 2$

4. $7 = 1 \times z$

$z = 7$

5. $g \times 6 = 48$

$g = 8$

6. $7 \times 1 = t$

$t = 7$

7. $s = 1 \times 3$

$s = 3$

8. $j \times 6 = 30$

$j = 5$

9. $18 = a \times 3$

$a = 6$

10. $w = 2 \times 5$

$w = 10$

11. $2 \times d = 14$

$d = 7$

12. $6 \times c = 54$

$c = 9$

13. $18 = n \times 2$

$n = 9$

14. $12 = y \times 4$

$y = 3$

15. $x \times 3 = 24$

$x = 8$

16. $4 \times 4 = h$

$h = 16$

17. $40 = v \times 5$

$v = 8$

18. $3 \times r = 18$

$r = 6$

19. $2 \times 3 = f$

$f = 6$

20. $1 \times 5 = m$

$m = 5$

Unknown Variables in Equations (C)

Name: _____

Date: _____

Determine the value of each variable.

1. $48 = 8 \times y$

2. $5 = b \times 1$

3. $6 \times c = 30$

4. $h \times 4 = 24$

5. $a \times 4 = 28$

6. $8 = 8 \times s$

7. $x = 1 \times 2$

8. $m = 4 \times 9$

9. $6 \times d = 24$

10. $n \times 8 = 48$

11. $18 = p \times 9$

12. $5 \times g = 40$

13. $6 = w \times 1$

14. $63 = 7 \times v$

15. $45 = z \times 5$

16. $36 = j \times 4$

17. $9 \times 7 = k$

18. $24 = 4 \times f$

19. $2 \times 7 = r$

20. $5 \times 3 = t$

Unknown Variables in Equations (C) Answers

Name: _____

Date: _____

Determine the value of each variable.

1. $48 = 8 \times y$

$y = 6$

2. $5 = b \times 1$

$b = 5$

3. $6 \times c = 30$

$c = 5$

4. $h \times 4 = 24$

$h = 6$

5. $a \times 4 = 28$

$a = 7$

6. $8 = 8 \times s$

$s = 1$

7. $x = 1 \times 2$

$x = 2$

8. $m = 4 \times 9$

$m = 36$

9. $6 \times d = 24$

$d = 4$

10. $n \times 8 = 48$

$n = 6$

11. $18 = p \times 9$

$p = 2$

12. $5 \times g = 40$

$g = 8$

13. $6 = w \times 1$

$w = 6$

14. $63 = 7 \times v$

$v = 9$

15. $45 = z \times 5$

$z = 9$

16. $36 = j \times 4$

$j = 9$

17. $9 \times 7 = k$

$k = 63$

18. $24 = 4 \times f$

$f = 6$

19. $2 \times 7 = r$

$r = 14$

20. $5 \times 3 = t$

$t = 15$

Unknown Variables in Equations (D)

Name: _____

Date: _____

Determine the value of each variable.

1. $m = 6 \times 1$

2. $24 = 3 \times h$

3. $28 = 7 \times d$

4. $5 \times c = 5$

5. $5 \times a = 30$

6. $5 \times v = 5$

7. $w \times 7 = 42$

8. $b = 1 \times 3$

9. $n = 4 \times 7$

10. $8 \times 7 = y$

11. $32 = 8 \times g$

12. $x \times 7 = 49$

13. $4 \times j = 32$

14. $16 = 2 \times f$

15. $8 \times 7 = s$

16. $1 \times 1 = t$

17. $9 \times 8 = r$

18. $5 = k \times 1$

19. $4 \times 7 = z$

20. $45 = p \times 5$

Unknown Variables in Equations (D) Answers

Name: _____

Date: _____

Determine the value of each variable.

1. $m = 6 \times 1$

$m = 6$

2. $24 = 3 \times h$

$h = 8$

3. $28 = 7 \times d$

$d = 4$

4. $5 \times c = 5$

$c = 1$

5. $5 \times a = 30$

$a = 6$

6. $5 \times v = 5$

$v = 1$

7. $w \times 7 = 42$

$w = 6$

8. $b = 1 \times 3$

$b = 3$

9. $n = 4 \times 7$

$n = 28$

10. $8 \times 7 = y$

$y = 56$

11. $32 = 8 \times g$

$g = 4$

12. $x \times 7 = 49$

$x = 7$

13. $4 \times j = 32$

$j = 8$

14. $16 = 2 \times f$

$f = 8$

15. $8 \times 7 = s$

$s = 56$

16. $1 \times 1 = t$

$t = 1$

17. $9 \times 8 = r$

$r = 72$

18. $5 = k \times 1$

$k = 5$

19. $4 \times 7 = z$

$z = 28$

20. $45 = p \times 5$

$p = 9$

Unknown Variables in Equations (E)

Name: _____

Date: _____

Determine the value of each variable.

1. $16 = 4 \times j$

2. $m = 5 \times 8$

3. $6 = 3 \times d$

4. $42 = c \times 6$

5. $16 = 8 \times k$

6. $a = 4 \times 9$

7. $8 \times 5 = g$

8. $45 = n \times 9$

9. $4 \times 7 = b$

10. $32 = 4 \times v$

11. $36 = 6 \times x$

12. $24 = 3 \times h$

13. $32 = r \times 8$

14. $5 \times y = 25$

15. $64 = f \times 8$

16. $2 \times 3 = z$

17. $4 \times 9 = s$

18. $w \times 6 = 42$

19. $9 = p \times 1$

20. $6 = 2 \times t$

Unknown Variables in Equations (E) Answers

Name: _____

Date: _____

Determine the value of each variable.

1. $16 = 4 \times j$

$j = 4$

2. $m = 5 \times 8$

$m = 40$

3. $6 = 3 \times d$

$d = 2$

4. $42 = c \times 6$

$c = 7$

5. $16 = 8 \times k$

$k = 2$

6. $a = 4 \times 9$

$a = 36$

7. $8 \times 5 = g$

$g = 40$

8. $45 = n \times 9$

$n = 5$

9. $4 \times 7 = b$

$b = 28$

10. $32 = 4 \times v$

$v = 8$

11. $36 = 6 \times x$

$x = 6$

12. $24 = 3 \times h$

$h = 8$

13. $32 = r \times 8$

$r = 4$

14. $5 \times y = 25$

$y = 5$

15. $64 = f \times 8$

$f = 8$

16. $2 \times 3 = z$

$z = 6$

17. $4 \times 9 = s$

$s = 36$

18. $w \times 6 = 42$

$w = 7$

19. $9 = p \times 1$

$p = 9$

20. $6 = 2 \times t$

$t = 3$

Unknown Variables in Equations (F)

Name: _____

Date: _____

Determine the value of each variable.

1. $2 = 2 \times t$

2. $6 \times 6 = d$

3. $6 = z \times 1$

4. $w \times 9 = 54$

5. $y = 6 \times 6$

6. $63 = g \times 9$

7. $40 = s \times 5$

8. $7 \times f = 28$

9. $12 = a \times 2$

10. $j \times 4 = 20$

11. $b = 1 \times 6$

12. $v = 2 \times 8$

13. $n \times 5 = 25$

14. $h \times 2 = 6$

15. $c \times 9 = 27$

16. $m = 6 \times 8$

17. $7 = p \times 1$

18. $1 \times x = 6$

19. $2 \times k = 18$

20. $36 = 6 \times r$

Unknown Variables in Equations (F) Answers

Name: _____

Date: _____

Determine the value of each variable.

1. $2 = 2 \times t$

$t = 1$

2. $6 \times 6 = d$

$d = 36$

3. $6 = z \times 1$

$z = 6$

4. $w \times 9 = 54$

$w = 6$

5. $y = 6 \times 6$

$y = 36$

6. $63 = g \times 9$

$g = 7$

7. $40 = s \times 5$

$s = 8$

8. $7 \times f = 28$

$f = 4$

9. $12 = a \times 2$

$a = 6$

10. $j \times 4 = 20$

$j = 5$

11. $b = 1 \times 6$

$b = 6$

12. $v = 2 \times 8$

$v = 16$

13. $n \times 5 = 25$

$n = 5$

14. $h \times 2 = 6$

$h = 3$

15. $c \times 9 = 27$

$c = 3$

16. $m = 6 \times 8$

$m = 48$

17. $7 = p \times 1$

$p = 7$

18. $1 \times x = 6$

$x = 6$

19. $2 \times k = 18$

$k = 9$

20. $36 = 6 \times r$

$r = 6$

Unknown Variables in Equations (G)

Name: _____

Date: _____

Determine the value of each variable.

1. $21 = 3 \times f$

2. $x = 1 \times 6$

3. $4 = 1 \times k$

4. $9 \times 4 = p$

5. $1 \times 1 = n$

6. $c = 2 \times 4$

7. $8 = h \times 2$

8. $40 = 5 \times d$

9. $14 = r \times 2$

10. $49 = 7 \times m$

11. $t = 9 \times 6$

12. $42 = 7 \times s$

13. $8 = 2 \times a$

14. $4 \times 1 = z$

15. $b = 5 \times 3$

16. $y = 7 \times 7$

17. $4 \times g = 20$

18. $v = 5 \times 1$

19. $24 = j \times 8$

20. $9 = 9 \times w$

Unknown Variables in Equations (G) Answers

Name: _____

Date: _____

Determine the value of each variable.

1. $21 = 3 \times f$

$f = 7$

2. $x = 1 \times 6$

$x = 6$

3. $4 = 1 \times k$

$k = 4$

4. $9 \times 4 = p$

$p = 36$

5. $1 \times 1 = n$

$n = 1$

6. $c = 2 \times 4$

$c = 8$

7. $8 = h \times 2$

$h = 4$

8. $40 = 5 \times d$

$d = 8$

9. $14 = r \times 2$

$r = 7$

10. $49 = 7 \times m$

$m = 7$

11. $t = 9 \times 6$

$t = 54$

12. $42 = 7 \times s$

$s = 6$

13. $8 = 2 \times a$

$a = 4$

14. $4 \times 1 = z$

$z = 4$

15. $b = 5 \times 3$

$b = 15$

16. $y = 7 \times 7$

$y = 49$

17. $4 \times g = 20$

$g = 5$

18. $v = 5 \times 1$

$v = 5$

19. $24 = j \times 8$

$j = 3$

20. $9 = 9 \times w$

$w = 1$

Unknown Variables in Equations (H)

Name: _____

Date: _____

Determine the value of each variable.

1. $3 \times 3 = n$

2. $10 = z \times 2$

3. $42 = 6 \times v$

4. $5 \times x = 40$

5. $k \times 7 = 49$

6. $j = 6 \times 7$

7. $f \times 7 = 7$

8. $40 = 8 \times p$

9. $12 = 6 \times m$

10. $7 = s \times 7$

11. $20 = c \times 5$

12. $2 \times w = 14$

13. $40 = 5 \times t$

14. $r = 1 \times 8$

15. $y \times 6 = 6$

16. $18 = h \times 9$

17. $4 \times 7 = d$

18. $8 = b \times 4$

19. $2 \times g = 6$

20. $2 \times 3 = a$

Unknown Variables in Equations (H) Answers

Name: _____

Date: _____

Determine the value of each variable.

1. $3 \times 3 = n$

$n = 9$

2. $10 = z \times 2$

$z = 5$

3. $42 = 6 \times v$

$v = 7$

4. $5 \times x = 40$

$x = 8$

5. $k \times 7 = 49$

$k = 7$

6. $j = 6 \times 7$

$j = 42$

7. $f \times 7 = 7$

$f = 1$

8. $40 = 8 \times p$

$p = 5$

9. $12 = 6 \times m$

$m = 2$

10. $7 = s \times 7$

$s = 1$

11. $20 = c \times 5$

$c = 4$

12. $2 \times w = 14$

$w = 7$

13. $40 = 5 \times t$

$t = 8$

14. $r = 1 \times 8$

$r = 8$

15. $y \times 6 = 6$

$y = 1$

16. $18 = h \times 9$

$h = 2$

17. $4 \times 7 = d$

$d = 28$

18. $8 = b \times 4$

$b = 2$

19. $2 \times g = 6$

$g = 3$

20. $2 \times 3 = a$

$a = 6$

Unknown Variables in Equations (I)

Name: _____

Date: _____

Determine the value of each variable.

1. $9 \times t = 27$

2. $g = 7 \times 5$

3. $v \times 6 = 6$

4. $2 \times j = 10$

5. $24 = 3 \times y$

6. $8 \times 2 = a$

7. $56 = 7 \times w$

8. $64 = 8 \times f$

9. $7 \times 8 = c$

10. $s \times 9 = 81$

11. $5 = 5 \times d$

12. $24 = 4 \times r$

13. $n \times 2 = 6$

14. $7 \times x = 63$

15. $16 = p \times 2$

16. $b \times 6 = 6$

17. $m = 3 \times 4$

18. $5 = h \times 1$

19. $7 \times 1 = z$

20. $36 = 9 \times k$

Unknown Variables in Equations (I) Answers

Name: _____

Date: _____

Determine the value of each variable.

1. $9 \times t = 27$

$t = 3$

2. $g = 7 \times 5$

$g = 35$

3. $v \times 6 = 6$

$v = 1$

4. $2 \times j = 10$

$j = 5$

5. $24 = 3 \times y$

$y = 8$

6. $8 \times 2 = a$

$a = 16$

7. $56 = 7 \times w$

$w = 8$

8. $64 = 8 \times f$

$f = 8$

9. $7 \times 8 = c$

$c = 56$

10. $s \times 9 = 81$

$s = 9$

11. $5 = 5 \times d$

$d = 1$

12. $24 = 4 \times r$

$r = 6$

13. $n \times 2 = 6$

$n = 3$

14. $7 \times x = 63$

$x = 9$

15. $16 = p \times 2$

$p = 8$

16. $b \times 6 = 6$

$b = 1$

17. $m = 3 \times 4$

$m = 12$

18. $5 = h \times 1$

$h = 5$

19. $7 \times 1 = z$

$z = 7$

20. $36 = 9 \times k$

$k = 4$

Unknown Variables in Equations (J)

Name: _____

Date: _____

Determine the value of each variable.

1. $27 = g \times 3$

2. $z = 6 \times 1$

3. $v = 4 \times 7$

4. $x \times 7 = 42$

5. $2 = 1 \times f$

6. $8 \times a = 32$

7. $5 \times 7 = n$

8. $s \times 1 = 6$

9. $y \times 1 = 6$

10. $5 \times 4 = r$

11. $8 \times b = 32$

12. $p \times 1 = 2$

13. $1 \times k = 5$

14. $4 \times j = 16$

15. $3 = c \times 1$

16. $18 = d \times 6$

17. $h \times 1 = 7$

18. $t = 9 \times 6$

19. $7 \times 5 = w$

20. $2 \times 6 = m$

Unknown Variables in Equations (J) Answers

Name: _____

Date: _____

Determine the value of each variable.

1. $27 = g \times 3$

$g = 9$

2. $z = 6 \times 1$

$z = 6$

3. $v = 4 \times 7$

$v = 28$

4. $x \times 7 = 42$

$x = 6$

5. $2 = 1 \times f$

$f = 2$

6. $8 \times a = 32$

$a = 4$

7. $5 \times 7 = n$

$n = 35$

8. $s \times 1 = 6$

$s = 6$

9. $y \times 1 = 6$

$y = 6$

10. $5 \times 4 = r$

$r = 20$

11. $8 \times b = 32$

$b = 4$

12. $p \times 1 = 2$

$p = 2$

13. $1 \times k = 5$

$k = 5$

14. $4 \times j = 16$

$j = 4$

15. $3 = c \times 1$

$c = 3$

16. $18 = d \times 6$

$d = 3$

17. $h \times 1 = 7$

$h = 7$

18. $t = 9 \times 6$

$t = 54$

19. $7 \times 5 = w$

$w = 35$

20. $2 \times 6 = m$

$m = 12$