

Unknown Variables in Equations (F)

Name: _____

Date: _____

Determine the value of each variable.

1. $8 \times 11 = f$

2. $h \times 3 = 21$

3. $165 = 15 \times g$

4. $18 = w \times 18$

5. $k = 5 \times 20$

6. $11 \times 5 = r$

7. $m \times 7 = 21$

8. $t \times 14 = 168$

9. $280 = 20 \times b$

10. $19 \times n = 114$

11. $48 = 4 \times j$

12. $22 = z \times 2$

13. $143 = a \times 13$

14. $16 \times 5 = x$

15. $100 = 20 \times s$

16. $p \times 19 = 38$

17. $v = 9 \times 12$

18. $72 = d \times 4$

19. $7 \times c = 49$

20. $y \times 16 = 192$

Unknown Variables in Equations (F) Answers

Name: _____

Date: _____

Determine the value of each variable.

1. $8 \times 11 = f$

$f = 88$

2. $h \times 3 = 21$

$h = 7$

3. $165 = 15 \times g$

$g = 11$

4. $18 = w \times 18$

$w = 1$

5. $k = 5 \times 20$

$k = 100$

6. $11 \times 5 = r$

$r = 55$

7. $m \times 7 = 21$

$m = 3$

8. $t \times 14 = 168$

$t = 12$

9. $280 = 20 \times b$

$b = 14$

10. $19 \times n = 114$

$n = 6$

11. $48 = 4 \times j$

$j = 12$

12. $22 = z \times 2$

$z = 11$

13. $143 = a \times 13$

$a = 11$

14. $16 \times 5 = x$

$x = 80$

15. $100 = 20 \times s$

$s = 5$

16. $p \times 19 = 38$

$p = 2$

17. $v = 9 \times 12$

$v = 108$

18. $72 = d \times 4$

$d = 18$

19. $7 \times c = 49$

$c = 7$

20. $y \times 16 = 192$

$y = 12$