Unknown Symbols in Equations (H)

Name: _____ Date: _____

Determine the value of each symbol.

1. $\odot = 6 \times 9$
2. $6 \times 6 = \dagger$
3. $36 = 4 \times \clubsuit$
4. $\natural = 1 \times 8$
5. $\bullet \times 6 = 6$
6. $9 = \varnothing \times 3$
7. $6 \times 5 = \oplus$
8. $4 \times \diamondsuit = 24$
9. $\bigstar = 7 \times 1$
10. $5 \times 9 = \blacklozenge$
11. $\measuredangle \times 7 = 14$
12. $\spadesuit \times 9 = 18$
13. $\Cup \times 8 = 24$
14. $9 \times 7 = \otimes$
15. $1 \times 2 = \S$
16. $8 \times \blacksquare = 16$
17. $4 = 1 \times \sharp$
18. $\triangle \times 5 = 5$
19. $7 \times \blacktriangledown = 21$
20. $\heartsuit = 7 \times 3$

Unknown Symbols in Equations (H) Answers

Name: _____ Date: _____

Determine the value of each symbol.

1. $\odot = 6 \times 9$
   $\odot = 54$

2. $6 \times 6 = \dagger$
   $\dagger = 36$

3. $36 = 4 \times \clubsuit$
   $\clubsuit = 9$

4. $\natural = 1 \times 8$
   $\natural = 8$

5. $\bullet \times 6 = 6$
   $\bullet = 1$

6. $9 = \varnothing \times 3$
   $\varnothing = 3$

7. $6 \times 5 = \oplus$
   $\oplus = 30$

8. $4 \times \diamondsuit = 24$
   $\diamondsuit = 6$

9. $\bigstar = 7 \times 1$
   $\bigstar = 7$

10. $5 \times 9 = \blacklozenge$
    $\blacklozenge = 45$

11. $\measuredangle \times 7 = 14$
    $\measuredangle = 2$

12. $\spadesuit \times 9 = 18$
    $\spadesuit = 2$

13. $\Cup \times 8 = 24$
    $\Cup = 3$

14. $9 \times 7 = \otimes$
    $\otimes = 63$

15. $1 \times 2 = \S$
    $\S = 2$

16. $8 \times \blacksquare = 16$
    $\blacksquare = 2$

17. $4 = 1 \times \sharp$
    $\sharp = 4$

18. $\triangle \times 5 = 5$
    $\triangle = 1$

19. $7 \times \blacktriangledown = 21$
    $\blacktriangledown = 3$

20. $\heartsuit = 7 \times 3$
    $\heartsuit = 21$