Unknown Symbols in Equations (H)

Name: _____ Date: _____

Determine the value of each symbol.

1. $\diamondsuit \times 12 = 132$
2. $\heartsuit = 20 \times 3$
3. $1 \times \S = 7$
4. $\blacktriangledown = 7 \times 3$
5. $\sharp \times 11 = 77$
6. $\measuredangle = 1 \times 13$
7. $\varnothing \times 16 = 64$
8. $10 \times \oplus = 100$
9. $14 \times 12 = \blacksquare$
10. $1 \times 3 = \cup\!\!\!\!\cup$
11. $12 \times \bigstar = 240$
12. $\triangle \times 7 = 98$
13. $42 = 7 \times \spadesuit$
14. $28 = \dagger \times 2$
15. $\bullet = 16 \times 8$
16. $10 \times 15 = \odot$
17. $\clubsuit \times 2 = 12$
18. $234 = 13 \times \blacklozenge$
19. $121 = \otimes \times 11$
20. $30 = 15 \times \natural$

Unknown Symbols in Equations (H) Answers

Name: _____ Date: _____

Determine the value of each symbol.

1. $\diamondsuit \times 12 = 132$
   $\diamondsuit = 11$

2. $\heartsuit = 20 \times 3$
   $\heartsuit = 60$

3. $1 \times \S = 7$
   $\S = 7$

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

5. $\sharp \times 11 = 77$
   $\sharp = 7$

6. $\measuredangle = 1 \times 13$
   $\measuredangle = 13$

7. $\varnothing \times 16 = 64$
   $\varnothing = 4$

8. $10 \times \oplus = 100$
   $\oplus = 10$

9. $14 \times 12 = \blacksquare$
   $\blacksquare = 168$

10. $1 \times 3 = \cup\!\!\!\cup$
    $\cup\!\!\!\cup = 3$

11. $12 \times \bigstar = 240$
    $\bigstar = 20$

12. $\triangle \times 7 = 98$
    $\triangle = 14$

13. $42 = 7 \times \spadesuit$
    $\spadesuit = 6$

14. $28 = \dagger \times 2$
    $\dagger = 14$

15. $\bullet = 16 \times 8$
    $\bullet = 128$

16. $10 \times 15 = \odot$
    $\odot = 150$

17. $\clubsuit \times 2 = 12$
    $\clubsuit = 6$

18. $234 = 13 \times \blacklozenge$
    $\blacklozenge = 18$

19. $121 = \otimes \times 11$
    $\otimes = 11$

20. $30 = 15 \times \natural$
    $\natural = 2$