Unknown Symbols in Equations (J)

Name: _____ Date: _____

Determine the value of each symbol.

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

Unknown Symbols in Equations (J) Answers

Name: _____ Date: _____

Determine the value of each symbol.

1. $\triangle = 5 + 2$
   $\triangle = 7$

2. $9 + \odot = 11$
   $\odot = 2$

3. $8 + \blacksquare = 17$
   $\blacksquare = 9$

4. $\diamondsuit + 1 = 9$
   $\diamondsuit = 8$

5. $8 = \dagger + 1$
   $\dagger = 7$

6. $6 + \heartsuit = 12$
   $\heartsuit = 6$

7. $\clubsuit = 6 + 7$
   $\clubsuit = 13$

8. $1 + 2 = \measuredangle$
   $\measuredangle = 3$

9. $7 + 4 = \varnothing$
   $\varnothing = 11$

10. $\sharp = 2 + 5$
    $\sharp = 7$

11. $10 = 9 + \natural$
    $\natural = 1$

12. $5 + 8 = \oplus$
    $\oplus = 13$

13. $12 = \blacktriangledown + 4$
    $\blacktriangledown = 8$

14. $\bullet = 5 + 7$
    $\bullet = 12$

15. $8 + \otimes = 15$
    $\otimes = 7$

16. $4 + 7 = \Cup$
    $\Cup = 11$

17. $\blacklozenge + 1 = 5$
    $\blacklozenge = 4$

18. $10 = 8 + \S$
    $\S = 2$

19. $\bigstar = 8 + 3$
    $\bigstar = 11$

20. $9 = \spadesuit + 6$
    $\spadesuit = 3$