Unknown Symbols in Equations (C)

Name: _____ Date: _____

Determine the value of each symbol.

1. $6 + 5 = \sharp$
2. $10 + \blacksquare = 25$
3. $18 + 7 = \bullet$
4. $20 = 11 + \oplus$
5. $6 = \blacklozenge + 5$
6. $1 + 17 = \varnothing$
7. $6 + \spadesuit = 26$
8. $16 + 17 = \S$
9. $\diamondsuit = 5 + 4$
10. $19 = \blacktriangledown + 2$
11. $\clubsuit = 18 + 9$
12. $2 + 18 = \natural$
13. $\otimes = 12 + 14$
14. $6 + \odot = 24$
15. $20 + 11 = \heartsuit$
16. $9 + 5 = \triangle$
17. $\Cup = 8 + 9$
18. $22 = 6 + \dagger$
19. $34 = 20 + \bigstar$
20. $4 = \measuredangle + 1$

Unknown Symbols in Equations (C) Answers

Name: _____ Date: _____

Determine the value of each symbol.

1. $6 + 5 = \sharp$
   $\sharp = 11$

2. $10 + \blacksquare = 25$
   $\blacksquare = 15$

3. $18 + 7 = \bullet$
   $\bullet = 25$

4. $20 = 11 + \oplus$
   $\oplus = 9$

5. $6 = \blacklozenge + 5$
   $\blacklozenge = 1$

6. $1 + 17 = \varnothing$
   $\varnothing = 18$

7. $6 + \spadesuit = 26$
   $\spadesuit = 20$

8. $16 + 17 = \S$
   $\S = 33$

9. $\diamondsuit = 5 + 4$
   $\diamondsuit = 9$

10. $19 = \blacktriangledown + 2$
    $\blacktriangledown = 17$

11. $\clubsuit = 18 + 9$
    $\clubsuit = 27$

12. $2 + 18 = \natural$
    $\natural = 20$

13. $\otimes = 12 + 14$
    $\otimes = 26$

14. $6 + \odot = 24$
    $\odot = 18$

15. $20 + 11 = \heartsuit$
    $\heartsuit = 31$

16. $9 + 5 = \triangle$
    $\triangle = 14$

17. $\Cup = 8 + 9$
    $\Cup = 17$

18. $22 = 6 + \dagger$
    $\dagger = 16$

19. $34 = 20 + \bigstar$
    $\bigstar = 14$

20. $4 = \measuredangle + 1$
    $\measuredangle = 3$