

Unknown Symbols in Equations (J)

Name: _____

Date: _____

Determine the value of each symbol.

1. $26 = 11 + \dagger$

2. $\emptyset + 14 = 24$

3. $19 + \sphericalangle = 39$

4. $18 = 5 + \blacktriangledown$

5. $2 = 1 + \star$

6. $\blacklozenge + 1 = 18$

7. $15 + 7 = \cup$

8. $\# + 9 = 29$

9. $\text{b} + 2 = 15$

10. $\S + 10 = 27$

11. $24 = \clubsuit + 18$

12. $16 + 15 = \heartsuit$

13. $28 = 13 + \spadesuit$

14. $2 + \otimes = 16$

15. $\diamond + 2 = 21$

16. $\triangle = 12 + 1$

17. $7 + 4 = \blacksquare$

18. $16 = 14 + \bullet$

19. $\oplus + 8 = 12$

20. $7 + \odot = 12$

Unknown Symbols in Equations (J) Answers

Name: _____

Date: _____

Determine the value of each symbol.

1. $26 = 11 + †$

$† = 15$

2. $∅ + 14 = 24$

$∅ = 10$

3. $19 + ∠ = 39$

$∠ = 20$

4. $18 = 5 + ▼$

$▼ = 13$

5. $2 = 1 + ★$

$★ = 1$

6. $◆ + 1 = 18$

$◆ = 17$

7. $15 + 7 = ⊔$

$⊔ = 22$

8. $‡ + 9 = 29$

$‡ = 20$

9. $‡ + 2 = 15$

$‡ = 13$

10. $§ + 10 = 27$

$§ = 17$

11. $24 = ♣ + 18$

$♣ = 6$

12. $16 + 15 = ♥$

$♥ = 31$

13. $28 = 13 + ♠$

$♠ = 15$

14. $2 + ⊗ = 16$

$⊗ = 14$

15. $◇ + 2 = 21$

$◇ = 19$

16. $△ = 12 + 1$

$△ = 13$

17. $7 + 4 = ■$

$■ = 11$

18. $16 = 14 + ●$

$● = 2$

19. $⊕ + 8 = 12$

$⊕ = 4$

20. $7 + ⊙ = 12$

$⊙ = 5$