

Unknown Symbols in Equations (D)

Name: _____

Date: _____

Determine the value of each symbol.

1. $6 = 1 + \diamond$

2. $\bullet + 1 = 3$

3. $10 = 7 + \dagger$

4. $\oplus = 2 + 1$

5. $16 = 9 + \blacktriangledown$

6. $15 = 7 + \ddagger$

7. $10 = 2 + \sphericalangle$

8. $14 = 7 + \star$

9. $9 = 1 + \cup$

10. $5 = \emptyset + 2$

11. $\blacklozenge = 7 + 5$

12. $\heartsuit + 1 = 10$

13. $8 + 2 = \otimes$

14. $6 + 1 = \spadesuit$

15. $\triangle = 6 + 9$

16. $4 = \odot + 3$

17. $7 + 7 = \S$

18. $8 + 6 = \ddagger$

19. $8 = \clubsuit + 1$

20. $\blacksquare = 6 + 9$

Unknown Symbols in Equations (D) Answers

Name: _____

Date: _____

Determine the value of each symbol.

1. $6 = 1 + \diamond$

$\diamond = 5$

2. $\bullet + 1 = 3$

$\bullet = 2$

3. $10 = 7 + \dagger$

$\dagger = 3$

4. $\oplus = 2 + 1$

$\oplus = 3$

5. $16 = 9 + \blacktriangledown$

$\blacktriangledown = 7$

6. $15 = 7 + \mathcal{H}$

$\mathcal{H} = 8$

7. $10 = 2 + \sphericalangle$

$\sphericalangle = 8$

8. $14 = 7 + \star$

$\star = 7$

9. $9 = 1 + \mathcal{U}$

$\mathcal{U} = 8$

10. $5 = \emptyset + 2$

$\emptyset = 3$

11. $\blacklozenge = 7 + 5$

$\blacklozenge = 12$

12. $\heartsuit + 1 = 10$

$\heartsuit = 9$

13. $8 + 2 = \otimes$

$\otimes = 10$

14. $6 + 1 = \spadesuit$

$\spadesuit = 7$

15. $\triangle = 6 + 9$

$\triangle = 15$

16. $4 = \odot + 3$

$\odot = 1$

17. $7 + 7 = \S$

$\S = 14$

18. $8 + 6 = \mathcal{H}$

$\mathcal{H} = 14$

19. $8 = \clubsuit + 1$

$\clubsuit = 7$

20. $\blacksquare = 6 + 9$

$\blacksquare = 15$