

Unknown Symbols in Equations (E)

Name: _____

Date: _____

Determine the value of each symbol.

1. $4 + 8 = \blacklozenge$

2. $2 + \dagger = 4$

3. $1 + 1 = \blacktriangledown$

4. $\mathbb{U} + 2 = 10$

5. $3 = 1 + \blacksquare$

6. $1 + \sphericalangle = 3$

7. $8 + \triangle = 9$

8. $1 + 7 = \bullet$

9. $\oplus = 1 + 6$

10. $\mathbb{H} = 3 + 3$

11. $\mathbb{H} + 1 = 9$

12. $9 + 3 = \emptyset$

13. $1 + \otimes = 2$

14. $\spadesuit + 1 = 4$

15. $13 = \odot + 6$

16. $11 = 2 + \star$

17. $\clubsuit + 6 = 13$

18. $\S + 8 = 11$

19. $2 + 7 = \diamond$

20. $\heartsuit = 2 + 5$

Unknown Symbols in Equations (E) Answers

Name: _____

Date: _____

Determine the value of each symbol.

1. $4 + 8 = \blacklozenge$

$\blacklozenge = 12$

2. $2 + \dagger = 4$

$\dagger = 2$

3. $1 + 1 = \blacktriangledown$

$\blacktriangledown = 2$

4. $\mathbb{W} + 2 = 10$

$\mathbb{W} = 8$

5. $3 = 1 + \blacksquare$

$\blacksquare = 2$

6. $1 + \sphericalangle = 3$

$\sphericalangle = 2$

7. $8 + \triangle = 9$

$\triangle = 1$

8. $1 + 7 = \bullet$

$\bullet = 8$

9. $\oplus = 1 + 6$

$\oplus = 7$

10. $\mathbb{H} = 3 + 3$

$\mathbb{H} = 6$

11. $\mathbb{H} + 1 = 9$

$\mathbb{H} = 8$

12. $9 + 3 = \emptyset$

$\emptyset = 12$

13. $1 + \otimes = 2$

$\otimes = 1$

14. $\spadesuit + 1 = 4$

$\spadesuit = 3$

15. $13 = \odot + 6$

$\odot = 7$

16. $11 = 2 + \star$

$\star = 9$

17. $\clubsuit + 6 = 13$

$\clubsuit = 7$

18. $\S + 8 = 11$

$\S = 3$

19. $2 + 7 = \diamond$

$\diamond = 9$

20. $\heartsuit = 2 + 5$

$\heartsuit = 7$