

Unknown Symbols in Equations (G)

Name: _____

Date: _____

Determine the value of each symbol.

1. $15 = 7 + \oplus$

2. $\odot + 9 = 18$

3. $\blacksquare = 8 + 3$

4. $7 = 3 + \bullet$

5. $9 + 5 = \clubsuit$

6. $\emptyset + 4 = 7$

7. $7 + \ddagger = 11$

8. $4 + 6 = \triangle$

9. $6 + 5 = \star$

10. $1 + \natural = 4$

11. $14 = 6 + \dagger$

12. $8 = 1 + \otimes$

13. $\diamond = 7 + 7$

14. $\blacklozenge = 3 + 9$

15. $\sphericalangle + 6 = 13$

16. $5 + 5 = \S$

17. $\cup = 9 + 6$

18. $6 + \blacktriangledown = 14$

19. $2 = 1 + \heartsuit$

20. $9 + 5 = \spadesuit$

Unknown Symbols in Equations (G) Answers

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Date: _____

Determine the value of each symbol.

1. $15 = 7 + \oplus$

$\oplus = 8$

2. $\odot + 9 = 18$

$\odot = 9$

3. $\blacksquare = 8 + 3$

$\blacksquare = 11$

4. $7 = 3 + \bullet$

$\bullet = 4$

5. $9 + 5 = \clubsuit$

$\clubsuit = 14$

6. $\emptyset + 4 = 7$

$\emptyset = 3$

7. $7 + \# = 11$

$\# = 4$

8. $4 + 6 = \triangle$

$\triangle = 10$

9. $6 + 5 = \star$

$\star = 11$

10. $1 + \natural = 4$

$\natural = 3$

11. $14 = 6 + \dagger$

$\dagger = 8$

12. $8 = 1 + \otimes$

$\otimes = 7$

13. $\diamond = 7 + 7$

$\diamond = 14$

14. $\blacklozenge = 3 + 9$

$\blacklozenge = 12$

15. $\sphericalangle + 6 = 13$

$\sphericalangle = 7$

16. $5 + 5 = \S$

$\S = 10$

17. $\mathbb{U} = 9 + 6$

$\mathbb{U} = 15$

18. $6 + \blacktriangledown = 14$

$\blacktriangledown = 8$

19. $2 = 1 + \heartsuit$

$\heartsuit = 1$

20. $9 + 5 = \spadesuit$

$\spadesuit = 14$