

Unknown Symbols in Equations (G)

Name: _____

Date: _____

Determine the value of each symbol.

1. $3 + 13 = \blacksquare$

2. $\cup + 3 = 11$

3. $\spadesuit + 2 = 4$

4. $1 + \S = 16$

5. $18 = \odot + 12$

6. $\oplus + 12 = 14$

7. $\otimes + 14 = 16$

8. $24 = \star + 17$

9. $7 + \sphericalangle = 19$

10. $\emptyset + 2 = 8$

11. $40 = \natural + 20$

12. $18 = \clubsuit + 1$

13. $1 + 6 = \bullet$

14. $15 + 6 = \triangle$

15. $27 = \sharp + 15$

16. $\diamond + 13 = 28$

17. $15 = 5 + \dagger$

18. $3 = \blacklozenge + 1$

19. $11 + 7 = \heartsuit$

20. $16 + \blacktriangledown = 19$

Unknown Symbols in Equations (G) Answers

Name: _____

Date: _____

Determine the value of each symbol.

1. $3 + 13 = \blacksquare$

$\blacksquare = 16$

2. $\cup + 3 = 11$

$\cup = 8$

3. $\spadesuit + 2 = 4$

$\spadesuit = 2$

4. $1 + \xi = 16$

$\xi = 15$

5. $18 = \odot + 12$

$\odot = 6$

6. $\oplus + 12 = 14$

$\oplus = 2$

7. $\otimes + 14 = 16$

$\otimes = 2$

8. $24 = \star + 17$

$\star = 7$

9. $7 + \sphericalangle = 19$

$\sphericalangle = 12$

10. $\emptyset + 2 = 8$

$\emptyset = 6$

11. $40 = \spadesuit + 20$

$\spadesuit = 20$

12. $18 = \clubsuit + 1$

$\clubsuit = 17$

13. $1 + 6 = \bullet$

$\bullet = 7$

14. $15 + 6 = \triangle$

$\triangle = 21$

15. $27 = \sharp + 15$

$\sharp = 12$

16. $\diamond + 13 = 28$

$\diamond = 15$

17. $15 = 5 + \dagger$

$\dagger = 10$

18. $3 = \blacklozenge + 1$

$\blacklozenge = 2$

19. $11 + 7 = \heartsuit$

$\heartsuit = 18$

20. $16 + \blacktriangledown = 19$

$\blacktriangledown = 3$