

Unknown Symbols in Equations (D)

Name: _____

Date: _____

Determine the value of each symbol.

1. $19 + \odot = 26$

2. $6 + 11 = \emptyset$

3. $\diamond = 2 + 1$

4. $10 + 16 = \natural$

5. $\blacksquare + 4 = 9$

6. $36 = \clubsuit + 20$

7. $\cup = 3 + 5$

8. $2 + \blacklozenge = 13$

9. $\spadesuit = 19 + 11$

10. $9 + 17 = \sharp$

11. $\blacktriangledown = 2 + 20$

12. $\S = 2 + 12$

13. $37 = \dagger + 18$

14. $\oplus = 18 + 15$

15. $19 = 11 + \triangle$

16. $\otimes = 14 + 16$

17. $14 + \star = 21$

18. $\sphericalangle + 13 = 29$

19. $13 = \heartsuit + 8$

20. $34 = 18 + \bullet$

Unknown Symbols in Equations (D) Answers

Name: _____

Date: _____

Determine the value of each symbol.

1. $19 + \odot = 26$

$\odot = 7$

2. $6 + 11 = \emptyset$

$\emptyset = 17$

3. $\diamond = 2 + 1$

$\diamond = 3$

4. $10 + 16 = \natural$

$\natural = 26$

5. $\blacksquare + 4 = 9$

$\blacksquare = 5$

6. $36 = \clubsuit + 20$

$\clubsuit = 16$

7. $\cup = 3 + 5$

$\cup = 8$

8. $2 + \blacklozenge = 13$

$\blacklozenge = 11$

9. $\spadesuit = 19 + 11$

$\spadesuit = 30$

10. $9 + 17 = \sharp$

$\sharp = 26$

11. $\blacktriangledown = 2 + 20$

$\blacktriangledown = 22$

12. $\S = 2 + 12$

$\S = 14$

13. $37 = \dagger + 18$

$\dagger = 19$

14. $\oplus = 18 + 15$

$\oplus = 33$

15. $19 = 11 + \triangle$

$\triangle = 8$

16. $\otimes = 14 + 16$

$\otimes = 30$

17. $14 + \star = 21$

$\star = 7$

18. $\sphericalangle + 13 = 29$

$\sphericalangle = 16$

19. $13 = \heartsuit + 8$

$\heartsuit = 5$

20. $34 = 18 + \bullet$

$\bullet = 16$