

Unknown Symbols in Equations (I)

Name: _____

Date: _____

Determine the value of each symbol.

1. $4 = 23 - \blacktriangledown$

2. $\oplus = 22 - 4$

3. $\diamond - 17 = 10$

4. $\natural = 6 - 2$

5. $15 - \sharp = 9$

6. $\S = 31 - 11$

7. $29 - \clubsuit = 13$

8. $\blacksquare = 27 - 19$

9. $6 = \odot - 15$

10. $10 = \cup - 1$

11. $19 = 35 - \bullet$

12. $20 - 5 = \spadesuit$

13. $\dagger = 19 - 1$

14. $9 = \triangle - 6$

15. $2 = 3 - \heartsuit$

16. $21 - \star = 4$

17. $14 = 34 - \emptyset$

18. $\blacklozenge = 25 - 7$

19. $\sphericalangle - 12 = 3$

20. $29 - \otimes = 12$

Unknown Symbols in Equations (I) Answers

Name: _____

Date: _____

Determine the value of each symbol.

1. $4 = 23 - \blacktriangledown$

$\blacktriangledown = 19$

2. $\oplus = 22 - 4$

$\oplus = 18$

3. $\diamond - 17 = 10$

$\diamond = 27$

4. $\natural = 6 - 2$

$\natural = 4$

5. $15 - \# = 9$

$\# = 6$

6. $\S = 31 - 11$

$\S = 20$

7. $29 - \clubsuit = 13$

$\clubsuit = 16$

8. $\blacksquare = 27 - 19$

$\blacksquare = 8$

9. $6 = \odot - 15$

$\odot = 21$

10. $10 = \cup - 1$

$\cup = 11$

11. $19 = 35 - \bullet$

$\bullet = 16$

12. $20 - 5 = \spadesuit$

$\spadesuit = 15$

13. $\dagger = 19 - 1$

$\dagger = 18$

14. $9 = \triangle - 6$

$\triangle = 15$

15. $2 = 3 - \heartsuit$

$\heartsuit = 1$

16. $21 - \star = 4$

$\star = 17$

17. $14 = 34 - \emptyset$

$\emptyset = 20$

18. $\blacklozenge = 25 - 7$

$\blacklozenge = 18$

19. $\sphericalangle - 12 = 3$

$\sphericalangle = 15$

20. $29 - \otimes = 12$

$\otimes = 17$