

Unknown Symbols in Equations (H)

Name: _____

Date: _____

Determine the value of each symbol.

1. $\emptyset = 21 - 7$

2. $\clubsuit = 11 - 3$

3. $7 = \triangle - 7$

4. $15 = \heartsuit - 9$

5. $\diamond = 30 - 17$

6. $\sphericalangle - 12 = 15$

7. $37 - 18 = \cup$

8. $6 = \blacklozenge - 9$

9. $\S - 14 = 17$

10. $10 - \oplus = 2$

11. $\# = 31 - 19$

12. $\dagger = 17 - 14$

13. $17 = \odot - 11$

14. $19 = \blacktriangledown - 3$

15. $\dagger - 13 = 2$

16. $10 = 22 - \spadesuit$

17. $35 - \otimes = 15$

18. $12 = \bullet - 14$

19. $15 - \star = 14$

20. $\blacksquare = 34 - 17$

Unknown Symbols in Equations (H) Answers

Name: _____

Date: _____

Determine the value of each symbol.

1. $\emptyset = 21 - 7$

$\emptyset = 14$

2. $\clubsuit = 11 - 3$

$\clubsuit = 8$

3. $7 = \triangle - 7$

$\triangle = 14$

4. $15 = \heartsuit - 9$

$\heartsuit = 24$

5. $\diamond = 30 - 17$

$\diamond = 13$

6. $\sphericalangle - 12 = 15$

$\sphericalangle = 27$

7. $37 - 18 = \cup$

$\cup = 19$

8. $6 = \blacklozenge - 9$

$\blacklozenge = 15$

9. $\S - 14 = 17$

$\S = 31$

10. $10 - \oplus = 2$

$\oplus = 8$

11. $\# = 31 - 19$

$\# = 12$

12. $\bigr = 17 - 14$

$\bigr = 3$

13. $17 = \odot - 11$

$\odot = 28$

14. $19 = \blacktriangledown - 3$

$\blacktriangledown = 22$

15. $\dagger - 13 = 2$

$\dagger = 15$

16. $10 = 22 - \spadesuit$

$\spadesuit = 12$

17. $35 - \otimes = 15$

$\otimes = 20$

18. $12 = \bullet - 14$

$\bullet = 26$

19. $15 - \star = 14$

$\star = 1$

20. $\blacksquare = 34 - 17$

$\blacksquare = 17$