

Unknown Symbols in Equations (I)

Name: _____

Date: _____

Determine the value of each symbol.

1. $6 - 4 = \blacksquare$

2. $\otimes = 15 - 7$

3. $15 - \heartsuit = 7$

4. $8 - \triangle = 6$

5. $3 = 8 - \odot$

6. $3 = 11 - \cup$

7. $8 - 5 = \blacktriangledown$

8. $9 - 2 = \emptyset$

9. $7 = 10 - \oplus$

10. $1 = \clubsuit - 2$

11. $\sphericalangle = 10 - 9$

12. $\S - 9 = 4$

13. $8 - 6 = \spadesuit$

14. $\blacklozenge - 9 = 4$

15. $8 = \bullet - 7$

16. $\# - 2 = 9$

17. $9 = 17 - \diamond$

18. $\spadesuit - 6 = 3$

19. $1 = 3 - \star$

20. $2 = 3 - \dagger$

Unknown Symbols in Equations (I) Answers

Name: _____

Date: _____

Determine the value of each symbol.

1. $6 - 4 = \blacksquare$

$\blacksquare = 2$

2. $\otimes = 15 - 7$

$\otimes = 8$

3. $15 - \heartsuit = 7$

$\heartsuit = 8$

4. $8 - \triangle = 6$

$\triangle = 2$

5. $3 = 8 - \odot$

$\odot = 5$

6. $3 = 11 - \cup$

$\cup = 8$

7. $8 - 5 = \blacktriangledown$

$\blacktriangledown = 3$

8. $9 - 2 = \emptyset$

$\emptyset = 7$

9. $7 = 10 - \oplus$

$\oplus = 3$

10. $1 = \clubsuit - 2$

$\clubsuit = 3$

11. $\sphericalangle = 10 - 9$

$\sphericalangle = 1$

12. $\S - 9 = 4$

$\S = 13$

13. $8 - 6 = \spadesuit$

$\spadesuit = 2$

14. $\blacklozenge - 9 = 4$

$\blacklozenge = 13$

15. $8 = \bullet - 7$

$\bullet = 15$

16. $\# - 2 = 9$

$\# = 11$

17. $9 = 17 - \diamond$

$\diamond = 8$

18. $\spadesuit - 6 = 3$

$\spadesuit = 9$

19. $1 = 3 - \star$

$\star = 2$

20. $2 = 3 - \dagger$

$\dagger = 1$