

Unknown Symbols in Equations (I)

Name: _____

Date: _____

Determine the value of each symbol.

1. $\triangle = 6 + 1$

2. $4 + \heartsuit = 10$

3. $2 + 3 = \star$

4. $6 = \# + 1$

5. $1 + \S = 6$

6. $2 + 7 = \clubsuit$

7. $1 + \oplus = 2$

8. $3 + \sphericalangle = 12$

9. $11 = 8 + \emptyset$

10. $15 = \diamond + 6$

11. $6 + 6 = \otimes$

12. $\bullet = 6 + 1$

13. $3 + \natural = 11$

14. $9 = 7 + \blacksquare$

15. $5 + 9 = \blacktriangledown$

16. $\spadesuit = 4 + 8$

17. $4 + \mathbb{U} = 9$

18. $\blacklozenge = 7 + 8$

19. $1 + 6 = \odot$

20. $13 = 5 + \dagger$

Unknown Symbols in Equations (I) Answers

Name: _____

Date: _____

Determine the value of each symbol.

1. $\triangle = 6 + 1$

$\triangle = 7$

2. $4 + \heartsuit = 10$

$\heartsuit = 6$

3. $2 + 3 = \star$

$\star = 5$

4. $6 = \# + 1$

$\# = 5$

5. $1 + \S = 6$

$\S = 5$

6. $2 + 7 = \clubsuit$

$\clubsuit = 9$

7. $1 + \oplus = 2$

$\oplus = 1$

8. $3 + \sphericalangle = 12$

$\sphericalangle = 9$

9. $11 = 8 + \emptyset$

$\emptyset = 3$

10. $15 = \diamond + 6$

$\diamond = 9$

11. $6 + 6 = \otimes$

$\otimes = 12$

12. $\bullet = 6 + 1$

$\bullet = 7$

13. $3 + \natural = 11$

$\natural = 8$

14. $9 = 7 + \blacksquare$

$\blacksquare = 2$

15. $5 + 9 = \blacktriangledown$

$\blacktriangledown = 14$

16. $\spadesuit = 4 + 8$

$\spadesuit = 12$

17. $4 + \mathcal{U} = 9$

$\mathcal{U} = 5$

18. $\blacklozenge = 7 + 8$

$\blacklozenge = 15$

19. $1 + 6 = \odot$

$\odot = 7$

20. $13 = 5 + \dagger$

$\dagger = 8$