

Unknown Symbols in Equations (H)

Name: _____

Date: _____

Determine the value of each symbol.

1. $5 = 3 + \blacklozenge$

2. $6 + 8 = \bullet$

3. $8 = 3 + \otimes$

4. $6 = 2 + \emptyset$

5. $11 = \odot + 7$

6. $7 = \oplus + 6$

7. $2 + 8 = \cup$

8. $2 + \clubsuit = 11$

9. $\natural + 7 = 14$

10. $\star + 3 = 11$

11. $8 = \blacksquare + 7$

12. $4 + 8 = \sharp$

13. $6 + \diamond = 13$

14. $5 + \heartsuit = 6$

15. $\triangle = 4 + 5$

16. $15 = \sphericalangle + 7$

17. $10 = 4 + \blacktriangledown$

18. $\dagger + 4 = 10$

19. $12 = 3 + \spadesuit$

20. $10 = \S + 2$

Unknown Symbols in Equations (H) Answers

Name: _____

Date: _____

Determine the value of each symbol.

1. $5 = 3 + \blacklozenge$

$\blacklozenge = 2$

2. $6 + 8 = \bullet$

$\bullet = 14$

3. $8 = 3 + \otimes$

$\otimes = 5$

4. $6 = 2 + \emptyset$

$\emptyset = 4$

5. $11 = \odot + 7$

$\odot = 4$

6. $7 = \oplus + 6$

$\oplus = 1$

7. $2 + 8 = \cup$

$\cup = 10$

8. $2 + \clubsuit = 11$

$\clubsuit = 9$

9. $\spadesuit + 7 = 14$

$\spadesuit = 7$

10. $\star + 3 = 11$

$\star = 8$

11. $8 = \blacksquare + 7$

$\blacksquare = 1$

12. $4 + 8 = \sharp$

$\sharp = 12$

13. $6 + \blacklozenge = 13$

$\blacklozenge = 7$

14. $5 + \heartsuit = 6$

$\heartsuit = 1$

15. $\triangle = 4 + 5$

$\triangle = 9$

16. $15 = \sphericalangle + 7$

$\sphericalangle = 8$

17. $10 = 4 + \blacktriangledown$

$\blacktriangledown = 6$

18. $\dagger + 4 = 10$

$\dagger = 6$

19. $12 = 3 + \spadesuit$

$\spadesuit = 9$

20. $10 = \S + 2$

$\S = 8$