

Unknown Symbols in Equations (B)

Name: _____

Date: _____

Determine the value of each symbol.

1. $1 + 8 = \otimes$

2. $4 + \star = 8$

3. $\natural = 9 + 4$

4. $4 = \spadesuit + 2$

5. $11 = \triangle + 6$

6. $8 + \dagger = 12$

7. $1 + 9 = \blacksquare$

8. $9 + \blacktriangledown = 12$

9. $\odot + 6 = 15$

10. $5 = 2 + \blacklozenge$

11. $12 = 3 + \emptyset$

12. $\S = 9 + 1$

13. $7 + 5 = \clubsuit$

14. $7 = \mathbb{U} + 3$

15. $\# = 5 + 7$

16. $\heartsuit + 5 = 9$

17. $\diamond = 9 + 4$

18. $2 + \sphericalangle = 6$

19. $\oplus + 8 = 13$

20. $6 = 2 + \bullet$

Unknown Symbols in Equations (B) Answers

Name: _____

Date: _____

Determine the value of each symbol.

1. $1 + 8 = \otimes$

$\otimes = 9$

2. $4 + \star = 8$

$\star = 4$

3. $\natural = 9 + 4$

$\natural = 13$

4. $4 = \spadesuit + 2$

$\spadesuit = 2$

5. $11 = \triangle + 6$

$\triangle = 5$

6. $8 + \dagger = 12$

$\dagger = 4$

7. $1 + 9 = \blacksquare$

$\blacksquare = 10$

8. $9 + \blacktriangledown = 12$

$\blacktriangledown = 3$

9. $\odot + 6 = 15$

$\odot = 9$

10. $5 = 2 + \blacklozenge$

$\blacklozenge = 3$

11. $12 = 3 + \emptyset$

$\emptyset = 9$

12. $\S = 9 + 1$

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13. $7 + 5 = \clubsuit$

$\clubsuit = 12$

14. $7 = \mathbb{U} + 3$

$\mathbb{U} = 4$

15. $\sharp = 5 + 7$

$\sharp = 12$

16. $\heartsuit + 5 = 9$

$\heartsuit = 4$

17. $\diamond = 9 + 4$

$\diamond = 13$

18. $2 + \sphericalangle = 6$

$\sphericalangle = 4$

19. $\oplus + 8 = 13$

$\oplus = 5$

20. $6 = 2 + \bullet$

$\bullet = 4$