

Unknown Symbols in Equations (A)

Name: _____

Date: _____

Determine the value of each symbol.

1. $25 = 6 + \emptyset$

2. $3 + \spadesuit = 20$

3. $\clubsuit + 20 = 32$

4. $14 = \S + 4$

5. $\star = 11 + 1$

6. $6 + 15 = \heartsuit$

7. $4 + \dagger = 16$

8. $38 = \diamond + 19$

9. $7 + \triangle = 25$

10. $\sphericalangle = 15 + 20$

11. $4 + \oplus = 5$

12. $\bullet = 5 + 15$

13. $\blacktriangledown + 13 = 20$

14. $12 + \# = 18$

15. $28 = \blacksquare + 11$

16. $6 + \mathbb{U} = 15$

17. $34 = \otimes + 15$

18. $26 = 9 + \natural$

19. $\odot + 1 = 9$

20. $14 + \blacklozenge = 20$

Unknown Symbols in Equations (A) Answers

Name: _____

Date: _____

Determine the value of each symbol.

1. $25 = 6 + \emptyset$

$\emptyset = 19$

2. $3 + \spadesuit = 20$

$\spadesuit = 17$

3. $\clubsuit + 20 = 32$

$\clubsuit = 12$

4. $14 = \S + 4$

$\S = 10$

5. $\star = 11 + 1$

$\star = 12$

6. $6 + 15 = \heartsuit$

$\heartsuit = 21$

7. $4 + \dagger = 16$

$\dagger = 12$

8. $38 = \diamond + 19$

$\diamond = 19$

9. $7 + \triangle = 25$

$\triangle = 18$

10. $\sphericalangle = 15 + 20$

$\sphericalangle = 35$

11. $4 + \oplus = 5$

$\oplus = 1$

12. $\bullet = 5 + 15$

$\bullet = 20$

13. $\blacktriangledown + 13 = 20$

$\blacktriangledown = 7$

14. $12 + \# = 18$

$\# = 6$

15. $28 = \blacksquare + 11$

$\blacksquare = 17$

16. $6 + \mathbb{U} = 15$

$\mathbb{U} = 9$

17. $34 = \otimes + 15$

$\otimes = 19$

18. $26 = 9 + \natural$

$\natural = 17$

19. $\odot + 1 = 9$

$\odot = 8$

20. $14 + \blacklozenge = 20$

$\blacklozenge = 6$