

Unknown Symbols in Equations (A)

Name: _____

Date: _____

Determine the value of each symbol.

1. $7 = \odot + 1$

2. $8 \times 8 = \natural$

3. $\otimes \div 9 = 3$

4. $\# = 7 \times 8$

5. $\sphericalangle + 1 = 2$

6. $45 = \cup \times 9$

7. $11 = 2 + \emptyset$

8. $7 - \oplus = 2$

9. $\blacklozenge = 14 - 5$

10. $6 = 30 \div \blacksquare$

11. $9 = 2 + \dagger$

12. $\blacklozenge = 6 + 2$

13. $3 + 6 = \S$

14. $6 = 6 \times \star$

15. $13 - 5 = \heartsuit$

16. $10 = \bullet + 1$

17. $40 = \triangle \times 5$

18. $2 \times 4 = \clubsuit$

19. $\blacktriangledown + 7 = 13$

20. $8 \div \spadesuit = 1$

Unknown Symbols in Equations (A) Answers

Name: _____

Date: _____

Determine the value of each symbol.

1. $7 = \odot + 1$

$\odot = 6$

2. $8 \times 8 = \natural$

$\natural = 64$

3. $\otimes \div 9 = 3$

$\otimes = 27$

4. $\# = 7 \times 8$

$\# = 56$

5. $\sphericalangle + 1 = 2$

$\sphericalangle = 1$

6. $45 = \mathbb{U} \times 9$

$\mathbb{U} = 5$

7. $11 = 2 + \emptyset$

$\emptyset = 9$

8. $7 - \oplus = 2$

$\oplus = 5$

9. $\blacklozenge = 14 - 5$

$\blacklozenge = 9$

10. $6 = 30 \div \blacksquare$

$\blacksquare = 5$

11. $9 = 2 + \dagger$

$\dagger = 7$

12. $\blacklozenge = 6 + 2$

$\blacklozenge = 8$

13. $3 + 6 = \S$

$\S = 9$

14. $6 = 6 \times \star$

$\star = 1$

15. $13 - 5 = \heartsuit$

$\heartsuit = 8$

16. $10 = \bullet + 1$

$\bullet = 9$

17. $40 = \triangle \times 5$

$\triangle = 8$

18. $2 \times 4 = \clubsuit$

$\clubsuit = 8$

19. $\blacktriangledown + 7 = 13$

$\blacktriangledown = 6$

20. $8 \div \spadesuit = 1$

$\spadesuit = 8$