

Unknown Symbols in Equations (D)

Name: _____

Date: _____

Determine the value of each symbol.

1. $280 \div 14 = \spadesuit$

2. $54 = 18 \times \clubsuit$

3. $11 = 66 \div \blacksquare$

4. $10 \times 16 = \bullet$

5. $18 = 180 \div \otimes$

6. $\clubsuit = 2 + 15$

7. $1 = 10 - \oplus$

8. $28 - \heartsuit = 15$

9. $20 - 19 = \ddagger$

10. $\blacklozenge - 17 = 19$

11. $\triangle \div 20 = 17$

12. $\odot = 14 - 8$

13. $17 + 7 = \star$

14. $\blacklozenge - 16 = 12$

15. $3 + 17 = \emptyset$

16. $15 = \sphericalangle - 18$

17. $9 = 19 - \S$

18. $15 + \mathbb{U} = 19$

19. $10 + 3 = \blacktriangledown$

20. $\dagger - 14 = 1$

Unknown Symbols in Equations (D) Answers

Name: _____

Date: _____

Determine the value of each symbol.

1. $280 \div 14 = \spadesuit$

$\spadesuit = 20$

2. $54 = 18 \times \clubsuit$

$\clubsuit = 3$

3. $11 = 66 \div \blacksquare$

$\blacksquare = 6$

4. $10 \times 16 = \bullet$

$\bullet = 160$

5. $18 = 180 \div \otimes$

$\otimes = 10$

6. $\clubsuit = 2 + 15$

$\clubsuit = 17$

7. $1 = 10 - \oplus$

$\oplus = 9$

8. $28 - \heartsuit = 15$

$\heartsuit = 13$

9. $20 - 19 = \sharp$

$\sharp = 1$

10. $\blacklozenge - 17 = 19$

$\blacklozenge = 36$

11. $\triangle \div 20 = 17$

$\triangle = 340$

12. $\odot = 14 - 8$

$\odot = 6$

13. $17 + 7 = \star$

$\star = 24$

14. $\blacklozenge - 16 = 12$

$\blacklozenge = 28$

15. $3 + 17 = \emptyset$

$\emptyset = 20$

16. $15 = \sphericalangle - 18$

$\sphericalangle = 33$

17. $9 = 19 - \S$

$\S = 10$

18. $15 + \mathcal{U} = 19$

$\mathcal{U} = 4$

19. $10 + 3 = \blacktriangledown$

$\blacktriangledown = 13$

20. $\dagger - 14 = 1$

$\dagger = 15$