

Unknown Symbols in Equations (I)

Name: _____

Date: _____

Determine the value of each symbol.

1. $36 = \diamond \times 2$

2. $19 + \triangle = 25$

3. $\cup \times 16 = 160$

4. $38 - \heartsuit = 19$

5. $20 \times \emptyset = 20$

6. $190 = 10 \times \sphericalangle$

7. $17 + \# = 37$

8. $\clubsuit - 15 = 8$

9. $4 = 60 \div \S$

10. $12 = \otimes - 9$

11. $34 \div 2 = \bullet$

12. $4 \times 15 = \star$

13. $5 = 18 - \dagger$

14. $24 - 17 = \blacksquare$

15. $9 = 162 \div \oplus$

16. $13 \div \spadesuit = 13$

17. $\natural \times 16 = 128$

18. $33 = 19 + \odot$

19. $20 - \blacktriangledown = 4$

20. $1 = 16 - \blacklozenge$

Unknown Symbols in Equations (I) Answers

Name: _____

Date: _____

Determine the value of each symbol.

1. $36 = \diamond \times 2$

$\diamond = 18$

2. $19 + \triangle = 25$

$\triangle = 6$

3. $\cup \times 16 = 160$

$\cup = 10$

4. $38 - \heartsuit = 19$

$\heartsuit = 19$

5. $20 \times \emptyset = 20$

$\emptyset = 1$

6. $190 = 10 \times \sphericalangle$

$\sphericalangle = 19$

7. $17 + \# = 37$

$\# = 20$

8. $\clubsuit - 15 = 8$

$\clubsuit = 23$

9. $4 = 60 \div \S$

$\S = 15$

10. $12 = \otimes - 9$

$\otimes = 21$

11. $34 \div 2 = \bullet$

$\bullet = 17$

12. $4 \times 15 = \star$

$\star = 60$

13. $5 = 18 - \dagger$

$\dagger = 13$

14. $24 - 17 = \blacksquare$

$\blacksquare = 7$

15. $9 = 162 \div \oplus$

$\oplus = 18$

16. $13 \div \spadesuit = 13$

$\spadesuit = 1$

17. $\natural \times 16 = 128$

$\natural = 8$

18. $33 = 19 + \odot$

$\odot = 14$

19. $20 - \blacktriangledown = 4$

$\blacktriangledown = 16$

20. $1 = 16 - \blacklozenge$

$\blacklozenge = 15$