

Unknown Symbols in Equations (F)

Name: _____

Date: _____

Determine the value of each symbol.

1. $10 = \sphericalangle \div 8$

2. $190 \div \blacktriangledown = 19$

3. $\# = 56 \div 14$

4. $204 = 17 \times \spadesuit$

5. $36 = \odot + 20$

6. $22 - \diamond = 5$

7. $\dagger \div 9 = 18$

8. $16 \times 10 = \triangle$

9. $\clubsuit \div 11 = 20$

10. $\emptyset = 26 - 19$

11. $15 + \heartsuit = 16$

12. $\oplus = 5 \times 5$

13. $10 = 23 - \otimes$

14. $3 = 3 \div \blacklozenge$

15. $18 = \bullet - 5$

16. $16 - 9 = \S$

17. $100 = \cup \times 5$

18. $77 \div \blacksquare = 11$

19. $19 = 38 - \dagger$

20. $4 = \star + 1$

Unknown Symbols in Equations (F) Answers

Name: _____

Date: _____

Determine the value of each symbol.

1. $10 = \sphericalangle \div 8$

$\sphericalangle = 80$

2. $190 \div \blacktriangledown = 19$

$\blacktriangledown = 10$

3. $\# = 56 \div 14$

$\# = 4$

4. $204 = 17 \times \spadesuit$

$\spadesuit = 12$

5. $36 = \odot + 20$

$\odot = 16$

6. $22 - \diamond = 5$

$\diamond = 17$

7. $\dagger \div 9 = 18$

$\dagger = 162$

8. $16 \times 10 = \triangle$

$\triangle = 160$

9. $\clubsuit \div 11 = 20$

$\clubsuit = 220$

10. $\emptyset = 26 - 19$

$\emptyset = 7$

11. $15 + \heartsuit = 16$

$\heartsuit = 1$

12. $\oplus = 5 \times 5$

$\oplus = 25$

13. $10 = 23 - \otimes$

$\otimes = 13$

14. $3 = 3 \div \blacklozenge$

$\blacklozenge = 1$

15. $18 = \bullet - 5$

$\bullet = 23$

16. $16 - 9 = \S$

$\S = 7$

17. $100 = \Uparrow \times 5$

$\Uparrow = 20$

18. $77 \div \blacksquare = 11$

$\blacksquare = 7$

19. $19 = 38 - \natural$

$\natural = 19$

20. $4 = \star + 1$

$\star = 3$