

Unknown Symbols in Equations (B)

Name: _____

Date: _____

Determine the value of each symbol.

1. $10 + 5 = \#$

2. $320 \div \sphericalangle = 16$

3. $\blacksquare = 14 - 5$

4. $13 = \spadesuit - 7$

5. $2 \times \heartsuit = 20$

6. $14 = 24 - \S$

7. $208 = 13 \times \blacktriangledown$

8. $\dagger \times 16 = 176$

9. $20 = 34 - \odot$

10. $10 \times \oplus = 70$

11. $\cup = 19 + 7$

12. $\star - 3 = 16$

13. $23 = 16 + \natural$

14. $11 + \emptyset = 16$

15. $17 = 153 \div \clubsuit$

16. $288 = \bullet \times 16$

17. $17 - 10 = \blacklozenge$

18. $\diamond = 18 \times 10$

19. $\otimes - 4 = 19$

20. $3 + \triangle = 22$

Unknown Symbols in Equations (B) Answers

Name: _____

Date: _____

Determine the value of each symbol.

1. $10 + 5 = \#$

$\# = 15$

2. $320 \div \sphericalangle = 16$

$\sphericalangle = 20$

3. $\blacksquare = 14 - 5$

$\blacksquare = 9$

4. $13 = \spadesuit - 7$

$\spadesuit = 20$

5. $2 \times \heartsuit = 20$

$\heartsuit = 10$

6. $14 = 24 - \S$

$\S = 10$

7. $208 = 13 \times \blacktriangledown$

$\blacktriangledown = 16$

8. $\dagger \times 16 = 176$

$\dagger = 11$

9. $20 = 34 - \odot$

$\odot = 14$

10. $10 \times \oplus = 70$

$\oplus = 7$

11. $\mathbb{U} = 19 + 7$

$\mathbb{U} = 26$

12. $\star - 3 = 16$

$\star = 19$

13. $23 = 16 + \natural$

$\natural = 7$

14. $11 + \emptyset = 16$

$\emptyset = 5$

15. $17 = 153 \div \clubsuit$

$\clubsuit = 9$

16. $288 = \bullet \times 16$

$\bullet = 18$

17. $17 - 10 = \blacklozenge$

$\blacklozenge = 7$

18. $\blacklozenge = 18 \times 10$

$\blacklozenge = 180$

19. $\otimes - 4 = 19$

$\otimes = 23$

20. $3 + \triangle = 22$

$\triangle = 19$