

Unknown Symbols in Equations (C)

Name: _____

Date: _____

Determine the value of each symbol.

1. $3 \times 7 = \otimes$

2. $18 \times \# = 198$

3. $11 \times 15 = \S$

4. $\dagger \times 17 = 136$

5. $\blacktriangledown = 20 \times 9$

6. $136 = \spadesuit \times 17$

7. $5 \times \diamond = 60$

8. $20 \times 3 = \bullet$

9. $4 \times \triangle = 68$

10. $380 = \heartsuit \times 20$

11. $\oplus \times 11 = 143$

12. $\star \times 8 = 160$

13. $19 \times 3 = \sphericalangle$

14. $24 = 12 \times \blacksquare$

15. $38 = 19 \times \clubsuit$

16. $9 \times 8 = \odot$

17. $\natural \times 1 = 8$

18. $\mathbb{U} \times 14 = 154$

19. $18 \times 20 = \blacklozenge$

20. $104 = \emptyset \times 13$

Unknown Symbols in Equations (C) Answers

Name: _____

Date: _____

Determine the value of each symbol.

1. $3 \times 7 = \otimes$

$\otimes = 21$

2. $18 \times \# = 198$

$\# = 11$

3. $11 \times 15 = \S$

$\S = 165$

4. $\dagger \times 17 = 136$

$\dagger = 8$

5. $\blacktriangledown = 20 \times 9$

$\blacktriangledown = 180$

6. $136 = \spadesuit \times 17$

$\spadesuit = 8$

7. $5 \times \diamond = 60$

$\diamond = 12$

8. $20 \times 3 = \bullet$

$\bullet = 60$

9. $4 \times \triangle = 68$

$\triangle = 17$

10. $380 = \heartsuit \times 20$

$\heartsuit = 19$

11. $\oplus \times 11 = 143$

$\oplus = 13$

12. $\star \times 8 = 160$

$\star = 20$

13. $19 \times 3 = \sphericalangle$

$\sphericalangle = 57$

14. $24 = 12 \times \blacksquare$

$\blacksquare = 2$

15. $38 = 19 \times \clubsuit$

$\clubsuit = 2$

16. $9 \times 8 = \odot$

$\odot = 72$

17. $\natural \times 1 = 8$

$\natural = 8$

18. $\mathbb{U} \times 14 = 154$

$\mathbb{U} = 11$

19. $18 \times 20 = \blacklozenge$

$\blacklozenge = 360$

20. $104 = \emptyset \times 13$

$\emptyset = 8$