

Unknown Symbols in Equations (I)

Name: _____

Date: _____

Determine the value of each symbol.

1. $165 = 15 \times \dagger$

2. $39 = 3 \times \blacktriangledown$

3. $\blacksquare \times 1 = 2$

4. $\triangle \times 6 = 78$

5. $17 = \blacklozenge \times 17$

6. $342 = \S \times 18$

7. $\mathbb{U} \times 15 = 105$

8. $8 \times \spadesuit = 112$

9. $11 \times 3 = \odot$

10. $2 = 1 \times \clubsuit$

11. $121 = 11 \times \otimes$

12. $18 \times 7 = \ddagger$

13. $9 \times \natural = 72$

14. $1 \times \emptyset = 6$

15. $\oplus = 10 \times 6$

16. $\sphericalangle \times 18 = 144$

17. $\bullet \times 17 = 102$

18. $\star = 18 \times 4$

19. $5 \times \diamond = 70$

20. $176 = \heartsuit \times 16$

Unknown Symbols in Equations (I) Answers

Name: _____

Date: _____

Determine the value of each symbol.

1. $165 = 15 \times \dagger$
 $\dagger = 11$

2. $39 = 3 \times \blacktriangledown$
 $\blacktriangledown = 13$

3. $\blacksquare \times 1 = 2$
 $\blacksquare = 2$

4. $\triangle \times 6 = 78$
 $\triangle = 13$

5. $17 = \blacklozenge \times 17$
 $\blacklozenge = 1$

6. $342 = \S \times 18$
 $\S = 19$

7. $\mathbb{U} \times 15 = 105$
 $\mathbb{U} = 7$

8. $8 \times \spadesuit = 112$
 $\spadesuit = 14$

9. $11 \times 3 = \odot$
 $\odot = 33$

10. $2 = 1 \times \clubsuit$
 $\clubsuit = 2$

11. $121 = 11 \times \otimes$
 $\otimes = 11$

12. $18 \times 7 = \#$
 $\# = 126$

13. $9 \times \natural = 72$
 $\natural = 8$

14. $1 \times \emptyset = 6$
 $\emptyset = 6$

15. $\oplus = 10 \times 6$
 $\oplus = 60$

16. $\sphericalangle \times 18 = 144$
 $\sphericalangle = 8$

17. $\bullet \times 17 = 102$
 $\bullet = 6$

18. $\star = 18 \times 4$
 $\star = 72$

19. $5 \times \diamond = 70$
 $\diamond = 14$

20. $176 = \heartsuit \times 16$
 $\heartsuit = 11$