Unknown Symbols in Equations (J)

Name: _____   Date: _____

Determine the value of each symbol.

1. $64 = 8 \times \otimes$

2. $\bigstar = 4 \times 5$

3. $28 = 4 \times \diamondsuit$

4. $3 = \S \times 3$

5. $\measuredangle = 8 \times 8$

6. $\bullet \times 3 = 21$

7. $6 \times \triangle = 6$

8. $72 = 8 \times \natural$

9. $24 = 6 \times \oplus$

10. $\spadesuit = 2 \times 9$

11. $\blacktriangledown = 2 \times 8$

12. $6 = 3 \times \varnothing$

13. $9 \times \odot = 9$

14. $40 = 8 \times \blacklozenge$

15. $\blacksquare = 7 \times 3$

16. $\clubsuit = 8 \times 6$

17. $\heartsuit = 2 \times 8$

18. $3 \times \dagger = 21$

19. $3 \times 5 = \sharp$

20. $\mathbb{U} = 4 \times 2$

Unknown Symbols in Equations (J) Answers	

Name: _____   Date: _____

Determine the value of each symbol.

1. $64 = 8 \times \otimes$
    $\otimes = 8$

2. $\bigstar = 4 \times 5$
    $\bigstar = 20$

3. $28 = 4 \times \diamondsuit$
    $\diamondsuit = 7$

4. $3 = \S \times 3$
    $\S = 1$

5. $\measuredangle = 8 \times 8$
    $\measuredangle = 64$

6. $\bullet \times 3 = 21$
    $\bullet = 7$

7. $6 \times \triangle = 6$
    $\triangle = 1$

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

9. $24 = 6 \times \oplus$
    $\oplus = 4$

10. $\spadesuit = 2 \times 9$
    $\spadesuit = 18$

11. $\blacktriangledown = 2 \times 8$
    $\blacktriangledown = 16$

12. $6 = 3 \times \varnothing$
    $\varnothing = 2$

13. $9 \times \odot = 9$
    $\odot = 1$

14. $40 = 8 \times \blacklozenge$
    $\blacklozenge = 5$

15. $\blacksquare = 7 \times 3$
    $\blacksquare = 21$

16. $\clubsuit = 8 \times 6$
    $\clubsuit = 48$

17. $\heartsuit = 2 \times 8$
    $\heartsuit = 16$

18. $3 \times \dagger = 21$
    $\dagger = 7$

19. $3 \times 5 = \sharp$
    $\sharp = 15$

20. $\mathbb{U} = 4 \times 2$
    $\mathbb{U} = 8$