

Unknown Symbols in Equations (J)

Name: _____

Date: _____

Determine the value of each symbol.

1. $\blacktriangledown \times 2 = 34$

2. $132 = 11 \times \blacklozenge$

3. $5 \times \sphericalangle = 80$

4. $11 \times \odot = 187$

5. $160 = 16 \times \clubsuit$

6. $19 \times 13 = \blacklozenge$

7. $210 = 15 \times \clubsuit$

8. $64 = \spadesuit \times 16$

9. $3 \times 17 = \emptyset$

10. $\otimes = 20 \times 6$

11. $14 = 2 \times \triangle$

12. $\star = 20 \times 16$

13. $\cup = 1 \times 4$

14. $\S = 6 \times 14$

15. $140 = \blacksquare \times 14$

16. $12 \times 9 = \oplus$

17. $224 = 14 \times \dagger$

18. $96 = \ddagger \times 12$

19. $75 = \bullet \times 5$

20. $\heartsuit = 4 \times 17$

Unknown Symbols in Equations (J) Answers

Name: _____

Date: _____

Determine the value of each symbol.

1. $\blacktriangledown \times 2 = 34$

$\blacktriangledown = 17$

2. $132 = 11 \times \blacklozenge$

$\blacklozenge = 12$

3. $5 \times \sphericalangle = 80$

$\sphericalangle = 16$

4. $11 \times \odot = 187$

$\odot = 17$

5. $160 = 16 \times \spadesuit$

$\spadesuit = 10$

6. $19 \times 13 = \blacklozenge$

$\blacklozenge = 247$

7. $210 = 15 \times \clubsuit$

$\clubsuit = 14$

8. $64 = \spadesuit \times 16$

$\spadesuit = 4$

9. $3 \times 17 = \emptyset$

$\emptyset = 51$

10. $\otimes = 20 \times 6$

$\otimes = 120$

11. $14 = 2 \times \triangle$

$\triangle = 7$

12. $\star = 20 \times 16$

$\star = 320$

13. $\cup = 1 \times 4$

$\cup = 4$

14. $\S = 6 \times 14$

$\S = 84$

15. $140 = \blacksquare \times 14$

$\blacksquare = 10$

16. $12 \times 9 = \oplus$

$\oplus = 108$

17. $224 = 14 \times \dagger$

$\dagger = 16$

18. $96 = \ddagger \times 12$

$\ddagger = 8$

19. $75 = \bullet \times 5$

$\bullet = 15$

20. $\heartsuit = 4 \times 17$

$\heartsuit = 68$