

Unknown Symbols in Equations (F)

Name: _____

Date: _____

Determine the value of each symbol.

1. $187 = 11 \times \blacksquare$

2. $\heartsuit \times 8 = 72$

3. $7 \times \S = 84$

4. $\dagger = 19 \times 12$

5. $60 = 6 \times \spadesuit$

6. $10 \times 4 = \clubsuit$

7. $13 \times 7 = \blacktriangledown$

8. $19 \times \otimes = 361$

9. $\natural \times 18 = 198$

10. $\sharp \times 12 = 48$

11. $14 \times \blacklozenge = 252$

12. $64 = 8 \times \odot$

13. $104 = 13 \times \cup$

14. $168 = \oplus \times 12$

15. $84 = 6 \times \diamond$

16. $\emptyset \times 18 = 36$

17. $5 \times \sphericalangle = 55$

18. $6 = \star \times 3$

19. $5 = 5 \times \bullet$

20. $\triangle \times 7 = 21$

Unknown Symbols in Equations (F) Answers

Name: _____

Date: _____

Determine the value of each symbol.

1. $187 = 11 \times \blacksquare$

$\blacksquare = 17$

2. $\heartsuit \times 8 = 72$

$\heartsuit = 9$

3. $7 \times \S = 84$

$\S = 12$

4. $\dagger = 19 \times 12$

$\dagger = 228$

5. $60 = 6 \times \spadesuit$

$\spadesuit = 10$

6. $10 \times 4 = \clubsuit$

$\clubsuit = 40$

7. $13 \times 7 = \blacktriangledown$

$\blacktriangledown = 91$

8. $19 \times \otimes = 361$

$\otimes = 19$

9. $\bigr \times 18 = 198$

$\bigr = 11$

10. $\# \times 12 = 48$

$\# = 4$

11. $14 \times \blacklozenge = 252$

$\blacklozenge = 18$

12. $64 = 8 \times \odot$

$\odot = 8$

13. $104 = 13 \times \cup$

$\cup = 8$

14. $168 = \oplus \times 12$

$\oplus = 14$

15. $84 = 6 \times \diamond$

$\diamond = 14$

16. $\emptyset \times 18 = 36$

$\emptyset = 2$

17. $5 \times \sphericalangle = 55$

$\sphericalangle = 11$

18. $6 = \star \times 3$

$\star = 2$

19. $5 = 5 \times \bullet$

$\bullet = 1$

20. $\triangle \times 7 = 21$

$\triangle = 3$