

Unknown Symbols in Equations (B)

Name: _____

Date: _____

Determine the value of each symbol.

1. $130 = 13 \times \spadesuit$

2. $\triangle \times 5 = 5$

3. $15 = 15 \times \heartsuit$

4. $10 = \bullet \times 5$

5. $70 = 14 \times \S$

6. $13 \times 5 = \spadesuit$

7. $33 = \blacksquare \times 3$

8. $144 = 18 \times \otimes$

9. $\dagger \times 8 = 8$

10. $\oplus \times 18 = 144$

11. $25 = \clubsuit \times 5$

12. $\odot = 16 \times 14$

13. $\# = 18 \times 5$

14. $2 \times \cup = 34$

15. $16 = \sphericalangle \times 4$

16. $143 = \star \times 13$

17. $2 \times \diamond = 30$

18. $80 = \blacktriangledown \times 10$

19. $10 \times 14 = \blacklozenge$

20. $\emptyset \times 18 = 108$

Unknown Symbols in Equations (B) Answers

Name: _____

Date: _____

Determine the value of each symbol.

1. $130 = 13 \times \spadesuit$

$\spadesuit = 10$

2. $\triangle \times 5 = 5$

$\triangle = 1$

3. $15 = 15 \times \heartsuit$

$\heartsuit = 1$

4. $10 = \bullet \times 5$

$\bullet = 2$

5. $70 = 14 \times \S$

$\S = 5$

6. $13 \times 5 = \spadesuit$

$\spadesuit = 65$

7. $33 = \blacksquare \times 3$

$\blacksquare = 11$

8. $144 = 18 \times \otimes$

$\otimes = 8$

9. $\dagger \times 8 = 8$

$\dagger = 1$

10. $\oplus \times 18 = 144$

$\oplus = 8$

11. $25 = \clubsuit \times 5$

$\clubsuit = 5$

12. $\odot = 16 \times 14$

$\odot = 224$

13. $\# = 18 \times 5$

$\# = 90$

14. $2 \times \cup = 34$

$\cup = 17$

15. $16 = \sphericalangle \times 4$

$\sphericalangle = 4$

16. $143 = \star \times 13$

$\star = 11$

17. $2 \times \diamond = 30$

$\diamond = 15$

18. $80 = \blacktriangledown \times 10$

$\blacktriangledown = 8$

19. $10 \times 14 = \blacklozenge$

$\blacklozenge = 140$

20. $\emptyset \times 18 = 108$

$\emptyset = 6$