

# Unknown Symbols in Equations (E)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Determine the value of each symbol.

1.  $12 \times \xi = 180$

2.  $5 = 1 \times \sphericalangle$

3.  $17 \times \blacklozenge = 289$

4.  $\# \times 16 = 288$

5.  $10 \times 11 = \blacktriangledown$

6.  $\spadesuit \times 5 = 20$

7.  $11 = \clubsuit \times 11$

8.  $10 \times 8 = \triangle$

9.  $\dagger = 9 \times 10$

10.  $\otimes = 19 \times 18$

11.  $\cup \times 14 = 182$

12.  $19 \times \diamond = 38$

13.  $68 = \bullet \times 17$

14.  $\blacksquare \times 20 = 300$

15.  $12 \times 20 = \star$

16.  $110 = \emptyset \times 10$

17.  $8 \times \heartsuit = 120$

18.  $\oplus \times 9 = 63$

19.  $11 = \odot \times 1$

20.  $\natural \times 5 = 25$

# Unknown Symbols in Equations (E) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Determine the value of each symbol.

1.  $12 \times \xi = 180$

$\xi = 15$

2.  $5 = 1 \times \sphericalangle$

$\sphericalangle = 5$

3.  $17 \times \blacklozenge = 289$

$\blacklozenge = 17$

4.  $\# \times 16 = 288$

$\# = 18$

5.  $10 \times 11 = \blacktriangledown$

$\blacktriangledown = 110$

6.  $\spadesuit \times 5 = 20$

$\spadesuit = 4$

7.  $11 = \clubsuit \times 11$

$\clubsuit = 1$

8.  $10 \times 8 = \triangle$

$\triangle = 80$

9.  $\dagger = 9 \times 10$

$\dagger = 90$

10.  $\otimes = 19 \times 18$

$\otimes = 342$

11.  $\cup \times 14 = 182$

$\cup = 13$

12.  $19 \times \diamond = 38$

$\diamond = 2$

13.  $68 = \bullet \times 17$

$\bullet = 4$

14.  $\blacksquare \times 20 = 300$

$\blacksquare = 15$

15.  $12 \times 20 = \star$

$\star = 240$

16.  $110 = \emptyset \times 10$

$\emptyset = 11$

17.  $8 \times \heartsuit = 120$

$\heartsuit = 15$

18.  $\oplus \times 9 = 63$

$\oplus = 7$

19.  $11 = \odot \times 1$

$\odot = 11$

20.  $\natural \times 5 = 25$

$\natural = 5$