

# Unknown Symbols in Equations (A)

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

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

Determine the value of each symbol.

1.  $9 = 1 \times \dagger$

2.  $\oplus + 5 = 7$

3.  $\blacklozenge = 4 - 3$

4.  $1 + 8 = \cup$

5.  $\bullet + 17 = 35$

6.  $5 = 11 - \clubsuit$

7.  $3 = \odot \div 4$

8.  $4 \times \sphericalangle = 44$

9.  $2 \times 20 = \diamond$

10.  $\heartsuit \times 13 = 52$

11.  $9 - 3 = \spadesuit$

12.  $\blacktriangledown = 11 \times 2$

13.  $25 - \emptyset = 14$

14.  $170 = \blacksquare \times 10$

15.  $\triangle = 13 \times 4$

16.  $5 = \star - 14$

17.  $\spadesuit - 1 = 4$

18.  $\otimes = 18 + 19$

19.  $38 = 18 + \S$

20.  $17 = 22 - \#$

# Unknown Symbols in Equations (A) Answers

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

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

Determine the value of each symbol.

1.  $9 = 1 \times \dagger$

$\dagger = 9$

2.  $\oplus + 5 = 7$

$\oplus = 2$

3.  $\blacklozenge = 4 - 3$

$\blacklozenge = 1$

4.  $1 + 8 = \cup$

$\cup = 9$

5.  $\bullet + 17 = 35$

$\bullet = 18$

6.  $5 = 11 - \clubsuit$

$\clubsuit = 6$

7.  $3 = \odot \div 4$

$\odot = 12$

8.  $4 \times \sphericalangle = 44$

$\sphericalangle = 11$

9.  $2 \times 20 = \diamond$

$\diamond = 40$

10.  $\heartsuit \times 13 = 52$

$\heartsuit = 4$

11.  $9 - 3 = \spadesuit$

$\spadesuit = 6$

12.  $\blacktriangledown = 11 \times 2$

$\blacktriangledown = 22$

13.  $25 - \emptyset = 14$

$\emptyset = 11$

14.  $170 = \blacksquare \times 10$

$\blacksquare = 17$

15.  $\triangle = 13 \times 4$

$\triangle = 52$

16.  $5 = \star - 14$

$\star = 19$

17.  $\spadesuit - 1 = 4$

$\spadesuit = 5$

18.  $\otimes = 18 + 19$

$\otimes = 37$

19.  $38 = 18 + \S$

$\S = 20$

20.  $17 = 22 - \#$

$\# = 5$