

# Unknown Symbols in Equations (F)

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

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

Determine the value of each symbol.

1.  $\diamond = 19 + 3$

2.  $\blacktriangledown + 5 = 11$

3.  $26 = \spadesuit + 11$

4.  $5 + \odot = 14$

5.  $10 + \heartsuit = 19$

6.  $\sqcup + 10 = 17$

7.  $\sphericalangle + 7 = 26$

8.  $\clubsuit = 4 + 16$

9.  $\otimes + 12 = 22$

10.  $26 = 17 + \oplus$

11.  $\blacksquare = 2 + 2$

12.  $2 + 18 = \emptyset$

13.  $\blacklozenge + 15 = 20$

14.  $\triangle = 19 + 11$

15.  $3 + \dagger = 8$

16.  $\# + 14 = 24$

17.  $15 = 10 + \S$

18.  $34 = 15 + \text{b}$

19.  $\star + 18 = 38$

20.  $\bullet + 16 = 27$

# Unknown Symbols in Equations (F) Answers

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

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

Determine the value of each symbol.

1.  $\diamond = 19 + 3$

$\diamond = 22$

2.  $\blacktriangledown + 5 = 11$

$\blacktriangledown = 6$

3.  $26 = \spadesuit + 11$

$\spadesuit = 15$

4.  $5 + \odot = 14$

$\odot = 9$

5.  $10 + \heartsuit = 19$

$\heartsuit = 9$

6.  $\mathbb{W} + 10 = 17$

$\mathbb{W} = 7$

7.  $\sphericalangle + 7 = 26$

$\sphericalangle = 19$

8.  $\clubsuit = 4 + 16$

$\clubsuit = 20$

9.  $\otimes + 12 = 22$

$\otimes = 10$

10.  $26 = 17 + \oplus$

$\oplus = 9$

11.  $\blacksquare = 2 + 2$

$\blacksquare = 4$

12.  $2 + 18 = \emptyset$

$\emptyset = 20$

13.  $\blacklozenge + 15 = 20$

$\blacklozenge = 5$

14.  $\triangle = 19 + 11$

$\triangle = 30$

15.  $3 + \dagger = 8$

$\dagger = 5$

16.  $\# + 14 = 24$

$\# = 10$

17.  $15 = 10 + \S$

$\S = 5$

18.  $34 = 15 + \natural$

$\natural = 19$

19.  $\star + 18 = 38$

$\star = 20$

20.  $\bullet + 16 = 27$

$\bullet = 11$