

# Unknown Symbols in Equations (B)

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

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

Determine the value of each symbol.

1.  $12 - \blacklozenge = 4$

2.  $15 = \blackstar - 10$

3.  $16 = 24 - \#$

4.  $\oplus = 10 - 5$

5.  $13 - 4 = \emptyset$

6.  $\heartsuit - 19 = 15$

7.  $\spadesuit - 17 = 12$

8.  $\odot = 15 - 8$

9.  $\spadesuit - 11 = 14$

10.  $20 = \blacksquare - 5$

11.  $12 = \S - 20$

12.  $8 = \dagger - 5$

13.  $\blacktriangledown - 14 = 6$

14.  $16 - \otimes = 6$

15.  $16 - \wp = 14$

16.  $18 - 11 = \sphericalangle$

17.  $13 = \clubsuit - 2$

18.  $\triangle - 13 = 5$

19.  $30 - \blacklozenge = 14$

20.  $16 - \bullet = 15$

## Unknown Symbols in Equations (B) Answers

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

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

Determine the value of each symbol.

1.  $12 - \blacklozenge = 4$

$\blacklozenge = 8$

2.  $15 = \blackstar - 10$

$\blackstar = 25$

3.  $16 = 24 - \#$

$\# = 8$

4.  $\oplus = 10 - 5$

$\oplus = 5$

5.  $13 - 4 = \emptyset$

$\emptyset = 9$

6.  $\heartsuit - 19 = 15$

$\heartsuit = 34$

7.  $\spadesuit - 17 = 12$

$\spadesuit = 29$

8.  $\odot = 15 - 8$

$\odot = 7$

9.  $\spadesuit - 11 = 14$

$\spadesuit = 25$

10.  $20 = \blacksquare - 5$

$\blacksquare = 25$

11.  $12 = \S - 20$

$\S = 32$

12.  $8 = \dagger - 5$

$\dagger = 13$

13.  $\blacktriangledown - 14 = 6$

$\blacktriangledown = 20$

14.  $16 - \otimes = 6$

$\otimes = 10$

15.  $16 - \cup = 14$

$\cup = 2$

16.  $18 - 11 = \sphericalangle$

$\sphericalangle = 7$

17.  $13 = \clubsuit - 2$

$\clubsuit = 15$

18.  $\triangle - 13 = 5$

$\triangle = 18$

19.  $30 - \diamond = 14$

$\diamond = 16$

20.  $16 - \bullet = 15$

$\bullet = 1$