

# Unknown Symbols in Equations (A)

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

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

Determine the value of each symbol.

1.  $15 = \odot \div 6$

2.  $133 \div 19 = \blacksquare$

3.  $96 \div 16 = \S$

4.  $8 = 152 \div \star$

5.  $72 \div 18 = \spadesuit$

6.  $19 \div \emptyset = 1$

7.  $\dagger \div 1 = 10$

8.  $4 = \ddagger \div 12$

9.  $9 = \# \div 4$

10.  $90 \div \blacklozenge = 9$

11.  $8 = \heartsuit \div 14$

12.  $81 \div \sphericalangle = 9$

13.  $14 \div 7 = \cup$

14.  $240 \div 12 = \blacktriangledown$

15.  $\bullet = 104 \div 13$

16.  $16 = 304 \div \clubsuit$

17.  $70 \div \blacklozenge = 7$

18.  $36 \div 18 = \oplus$

19.  $\otimes \div 13 = 4$

20.  $36 \div 18 = \triangle$

# Unknown Symbols in Equations (A) Answers

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

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

Determine the value of each symbol.

1.  $15 = \odot \div 6$

$\odot = 90$

2.  $133 \div 19 = \blacksquare$

$\blacksquare = 7$

3.  $96 \div 16 = \S$

$\S = 6$

4.  $8 = 152 \div \star$

$\star = 19$

5.  $72 \div 18 = \spadesuit$

$\spadesuit = 4$

6.  $19 \div \emptyset = 1$

$\emptyset = 19$

7.  $\dagger \div 1 = 10$

$\dagger = 10$

8.  $4 = \ddagger \div 12$

$\ddagger = 48$

9.  $9 = \# \div 4$

$\# = 36$

10.  $90 \div \blacklozenge = 9$

$\blacklozenge = 10$

11.  $8 = \heartsuit \div 14$

$\heartsuit = 112$

12.  $81 \div \sphericalangle = 9$

$\sphericalangle = 9$

13.  $14 \div 7 = \cup$

$\cup = 2$

14.  $240 \div 12 = \blacktriangledown$

$\blacktriangledown = 20$

15.  $\bullet = 104 \div 13$

$\bullet = 8$

16.  $16 = 304 \div \clubsuit$

$\clubsuit = 19$

17.  $70 \div \blacklozenge = 7$

$\blacklozenge = 10$

18.  $36 \div 18 = \oplus$

$\oplus = 2$

19.  $\otimes \div 13 = 4$

$\otimes = 52$

20.  $36 \div 18 = \triangle$

$\triangle = 2$