

# Unknown Symbols in Equations (G)

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

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

Determine the value of each symbol.

1.  $\text{‡} \div 2 = 8$

2.  $49 \div \text{‡} = 7$

3.  $20 \div \text{⊙} = 4$

4.  $3 = \bullet \div 8$

5.  $7 = 21 \div \text{⊗}$

6.  $5 \div \emptyset = 5$

7.  $6 = \spadesuit \div 8$

8.  $64 \div 8 = \text{†}$

9.  $12 \div \blacklozenge = 6$

10.  $\text{‡} = 45 \div 5$

11.  $20 \div \clubsuit = 4$

12.  $12 \div \blacksquare = 2$

13.  $\triangle \div 4 = 1$

14.  $8 \div \star = 2$

15.  $2 \div 2 = \heartsuit$

16.  $4 = \oplus \div 9$

17.  $\blacktriangledown \div 7 = 1$

18.  $42 \div \blacklozenge = 7$

19.  $6 = 12 \div \text{§}$

20.  $4 \div 1 = \sphericalangle$

# Unknown Symbols in Equations (G) Answers

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

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

Determine the value of each symbol.

1.  $\text{♠} \div 2 = 8$

$\text{♠} = 16$

2.  $49 \div \text{♠} = 7$

$\text{♠} = 7$

3.  $20 \div \text{⊙} = 4$

$\text{⊙} = 5$

4.  $3 = \bullet \div 8$

$\bullet = 24$

5.  $7 = 21 \div \text{⊗}$

$\text{⊗} = 3$

6.  $5 \div \text{∅} = 5$

$\text{∅} = 1$

7.  $6 = \text{♠} \div 8$

$\text{♠} = 48$

8.  $64 \div 8 = \text{†}$

$\text{†} = 8$

9.  $12 \div \text{♦} = 6$

$\text{♦} = 2$

10.  $\text{⊍} = 45 \div 5$

$\text{⊍} = 9$

11.  $20 \div \text{♣} = 4$

$\text{♣} = 5$

12.  $12 \div \text{■} = 2$

$\text{■} = 6$

13.  $\triangle \div 4 = 1$

$\triangle = 4$

14.  $8 \div \text{★} = 2$

$\text{★} = 4$

15.  $2 \div 2 = \text{♥}$

$\text{♥} = 1$

16.  $4 = \text{⊕} \div 9$

$\text{⊕} = 36$

17.  $\text{▼} \div 7 = 1$

$\text{▼} = 7$

18.  $42 \div \text{◇} = 7$

$\text{◇} = 6$

19.  $6 = 12 \div \text{§}$

$\text{§} = 2$

20.  $4 \div 1 = \text{∠}$

$\text{∠} = 4$