

Unknown Symbols in Equations (F)

Name: _____

Date: _____

Determine the value of each symbol.

1. $18 = 90 \div \text{♯}$

2. $17 = 255 \div \text{★}$

3. $340 \div 20 = \text{†}$

4. $15 = 15 \div \text{♣}$

5. $90 \div 5 = \text{⊙}$

6. $11 = 11 \div \text{■}$

7. $\text{∠} \div 18 = 2$

8. $15 = \text{♠} \div 13$

9. $9 = \text{◇} \div 8$

10. $28 \div \text{⊗} = 4$

11. $135 \div 9 = \text{◆}$

12. $\text{⊕} = 45 \div 15$

13. $4 \div 1 = \text{●}$

14. $\text{⊍} = 56 \div 7$

15. $225 \div \text{§} = 15$

16. $\text{‡} = 32 \div 2$

17. $20 = \text{△} \div 2$

18. $3 = 6 \div \text{▼}$

19. $16 = \text{♥} \div 18$

20. $5 \div \text{∅} = 5$

Unknown Symbols in Equations (F) Answers

Name: _____

Date: _____

Determine the value of each symbol.

1. $18 = 90 \div \text{♠}$

$\text{♠} = 5$

2. $17 = 255 \div \text{★}$

$\text{★} = 15$

3. $340 \div 20 = \text{†}$

$\text{†} = 17$

4. $15 = 15 \div \text{♣}$

$\text{♣} = 1$

5. $90 \div 5 = \text{⊙}$

$\text{⊙} = 18$

6. $11 = 11 \div \text{■}$

$\text{■} = 1$

7. $\text{∠} \div 18 = 2$

$\text{∠} = 36$

8. $15 = \text{♠} \div 13$

$\text{♠} = 195$

9. $9 = \text{◇} \div 8$

$\text{◇} = 72$

10. $28 \div \text{⊗} = 4$

$\text{⊗} = 7$

11. $135 \div 9 = \text{◆}$

$\text{◆} = 15$

12. $\text{⊕} = 45 \div 15$

$\text{⊕} = 3$

13. $4 \div 1 = \text{●}$

$\text{●} = 4$

14. $\text{⊍} = 56 \div 7$

$\text{⊍} = 8$

15. $225 \div \text{§} = 15$

$\text{§} = 15$

16. $\text{‡} = 32 \div 2$

$\text{‡} = 16$

17. $20 = \text{△} \div 2$

$\text{△} = 40$

18. $3 = 6 \div \text{▼}$

$\text{▼} = 2$

19. $16 = \text{♥} \div 18$

$\text{♥} = 288$

20. $5 \div \text{∅} = 5$

$\text{∅} = 1$