

Unknown Symbols in Equations (A)

Name: _____

Date: _____

Determine the value of each symbol.

1. $14 - 6 = \heartsuit$

2. $16 = 20 - \sphericalangle$

3. $\spadesuit - 2 = 20$

4. $6 = \triangle - 10$

5. $18 = \otimes - 7$

6. $\diamond = 29 - 13$

7. $16 - 5 = \cup$

8. $\oplus = 22 - 17$

9. $15 = \dagger - 12$

10. $30 - 11 = \star$

11. $15 = 35 - \emptyset$

12. $\blacksquare = 2 - 1$

13. $3 = \blacktriangledown - 14$

14. $17 - 15 = \clubsuit$

15. $\blacklozenge - 7 = 17$

16. $\odot - 6 = 12$

17. $\# - 7 = 11$

18. $3 - 1 = \S$

19. $\natural - 5 = 17$

20. $\bullet - 18 = 15$

Unknown Symbols in Equations (A) Answers

Name: _____

Date: _____

Determine the value of each symbol.

1. $14 - 6 = \heartsuit$

$\heartsuit = 8$

2. $16 = 20 - \sphericalangle$

$\sphericalangle = 4$

3. $\spadesuit - 2 = 20$

$\spadesuit = 22$

4. $6 = \triangle - 10$

$\triangle = 16$

5. $18 = \otimes - 7$

$\otimes = 25$

6. $\diamond = 29 - 13$

$\diamond = 16$

7. $16 - 5 = \cup$

$\cup = 11$

8. $\oplus = 22 - 17$

$\oplus = 5$

9. $15 = \dagger - 12$

$\dagger = 27$

10. $30 - 11 = \star$

$\star = 19$

11. $15 = 35 - \emptyset$

$\emptyset = 20$

12. $\blacksquare = 2 - 1$

$\blacksquare = 1$

13. $3 = \blacktriangledown - 14$

$\blacktriangledown = 17$

14. $17 - 15 = \clubsuit$

$\clubsuit = 2$

15. $\blacklozenge - 7 = 17$

$\blacklozenge = 24$

16. $\odot - 6 = 12$

$\odot = 18$

17. $\sharp - 7 = 11$

$\sharp = 18$

18. $3 - 1 = \S$

$\S = 2$

19. $\natural - 5 = 17$

$\natural = 22$

20. $\bullet - 18 = 15$

$\bullet = 33$