

Unknown Variables in Equations (A)

Name: _____

Date: _____

Determine the value of each variable.

1. $12 = a - 11$

2. $f = 21 - 4$

3. $33 = r + 14$

4. $13 = 12 + g$

5. $13 = 5 + m$

6. $y \div 7 = 15$

7. $6 + 5 = c$

8. $10 = 160 \div v$

9. $19 + 17 = t$

10. $105 = 7 \times b$

11. $18 = n \times 6$

12. $1 = 2 \div p$

13. $35 = 18 + j$

14. $11 - d = 7$

15. $19 = 27 - h$

16. $10 \times s = 190$

17. $6 \times x = 12$

18. $z = 9 - 7$

19. $k \times 17 = 306$

20. $w - 8 = 10$

Unknown Variables in Equations (A) Answers

Name: _____

Date: _____

Determine the value of each variable.

1. $12 = a - 11$

$a = 23$

2. $f = 21 - 4$

$f = 17$

3. $33 = r + 14$

$r = 19$

4. $13 = 12 + g$

$g = 1$

5. $13 = 5 + m$

$m = 8$

6. $y \div 7 = 15$

$y = 105$

7. $6 + 5 = c$

$c = 11$

8. $10 = 160 \div v$

$v = 16$

9. $19 + 17 = t$

$t = 36$

10. $105 = 7 \times b$

$b = 15$

11. $18 = n \times 6$

$n = 3$

12. $1 = 2 \div p$

$p = 2$

13. $35 = 18 + j$

$j = 17$

14. $11 - d = 7$

$d = 4$

15. $19 = 27 - h$

$h = 8$

16. $10 \times s = 190$

$s = 19$

17. $6 \times x = 12$

$x = 2$

18. $z = 9 - 7$

$z = 2$

19. $k \times 17 = 306$

$k = 18$

20. $w - 8 = 10$

$w = 18$