

Name \_\_\_\_\_

Score: \_\_\_\_\_

# Basic Algebra



Determine the value of the variable in each equation.

1.  $a + 39 = 108$

$a = \underline{\hspace{2cm}}$

2.  $99 - c = 41$

$c = \underline{\hspace{2cm}}$

3.  $39 + 69 = y$

$y = \underline{\hspace{2cm}}$

4.  $\frac{92}{d} = 2$

$d = \underline{\hspace{2cm}}$

5.  $19z = 152$

$z = \underline{\hspace{2cm}}$

6.  $\frac{t}{15} = 7$

$t = \underline{\hspace{2cm}}$

7.  $25b = 300$

$b = \underline{\hspace{2cm}}$

8.  $77 - g = 39$

$g = \underline{\hspace{2cm}}$

9.  $47 + r = 68$

$r = \underline{\hspace{2cm}}$

10.  $v - 34 = 65$

$v = \underline{\hspace{2cm}}$

11.  $\frac{69}{23} = m$

$m = \underline{\hspace{2cm}}$

12.  $7s = 105$

$s = \underline{\hspace{2cm}}$

13.  $\frac{28}{h} = 14$

$h = \underline{\hspace{2cm}}$

14.  $11 + 88 = q$

$q = \underline{\hspace{2cm}}$

15.  $\frac{96}{j} = 12$

$j = \underline{\hspace{2cm}}$

16.  $50 + f = 99 - 9$

$f = \underline{\hspace{2cm}}$

17.  $26 + 25 = 3d$

$d = \underline{\hspace{2cm}}$

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# Basic Algebra **ANSWER KEY**



Determine the value of the variable in each equation.

1.  $a + 39 = 108$

$a = 69$

2.  $99 - c = 41$

$c = 58$

3.  $39 + 69 = y$

$y = 108$

4.  $\frac{92}{d} = 2$

$d = 46$

5.  $19z = 152$

$z = 8$

6.  $\frac{t}{15} = 7$

$t = 105$

7.  $25b = 300$

$b = 12$

8.  $77 - g = 39$

$g = 38$

9.  $47 + r = 68$

$r = 21$

10.  $v - 34 = 65$

$v = 99$

11.  $\frac{69}{23} = m$

$m = 3$

12.  $7s = 105$

$s = 15$

13.  $\frac{28}{h} = 14$

$h = 2$

14.  $11 + 88 = q$

$q = 99$

15.  $\frac{96}{j} = 12$

$j = 8$

16.  $50 + f = 99 - 9$

$f = 40$

17.  $26 + 25 = 3d$

$d = 17$