

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

## Equations with 2 Variables

Determine the value of the unknown variable in each equation.

1.  $10 + a = b$

$a = 7, b = \underline{\hspace{2cm}}$

2.  $g - 2 = h$

$g = 10, h = \underline{\hspace{2cm}}$

3.  $12n = m$

$n = \underline{\hspace{2cm}}, m = 36$

4.  $\frac{16}{v} = w$

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

5.  $e + 9 = f$

$e = \underline{\hspace{2cm}}, f = 17$



# Preview

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8.  $a - 6 = b$

a	12	15		28	
b			18		50

9.  $\frac{r}{2} = s$

r		4	8	14	
s	1				11

10.  $\frac{50}{n} = m$

n	2		10	25	
m		10			1

11.  $9 - x = y$

x	0	3	5		9
y				1	

# ANSWER KEY

## Equations with 2 Variables

Determine the value of the unknown variable in each equation.

1.  $10 + a = b$

$a = 7, b = \underline{17}$

2.  $g - 2 = h$

$g = 10, h = \underline{8}$

3.  $12n = m$

$n = \underline{3}, m = 36$

4.  $\frac{16}{v} = w$

$v = 2, w = \underline{8}$

5.  $e + 9 = f$

$e = \underline{8}, f = 17$



# Preview

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8.  $a - 6 = b$

a	12	15	24	28	56
b	6	9	18	22	50

9.  $\frac{r}{2} = s$

r	2	4	8	14	22
s	1	2	4	7	11

10.  $\frac{50}{n} = m$

n	2	5	10	25	50
m	25	10	5	2	1

11.  $9 - x = y$

x	0	3	5	8	9
y	9	6	4	1	0