

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

## Missing Values

L1S1

1) The variable  $y$  varies directly with  $x$ . The value of  $y$  is 24 when  $x = 8$ .

a) Write an equation that relates  $x$  and  $y$ . \_\_\_\_\_

b) Find the value of  $y$  when  $x = 5$ . \_\_\_\_\_

2) The variable  $m$  varies inversely with  $n$ . The value of  $m$  is 2 when  $n = \frac{1}{4}$ .

a) Write an equation that relates  $m$  and  $n$ . \_\_\_\_\_

b) Find the value of  $m$  when  $n = 2$ . \_\_\_\_\_

3) The variable  $p$  varies directly with  $q$ . The value of  $p$  is -3.2 when  $q = -3.2$ .

a) Write an equation that relates  $p$  and  $q$ . \_\_\_\_\_

b) Find the value of  $p$  when  $q = 6$ . \_\_\_\_\_

4) The variable  $g$  varies directly with  $h$ . The value of  $g$  is 6 when  $h = 6$ .

a) Write an equation that relates  $g$  and  $h$ . \_\_\_\_\_

b) Find the value of  $g$  when  $h = 12$ . \_\_\_\_\_

5) The variable  $t$  varies directly with  $s$ . The value of  $t$  is 15 when  $s = 3$ .

a) Write an equation that relates  $s$  and  $t$ . \_\_\_\_\_

b) Find the value of  $s$  when  $t = 25$ . \_\_\_\_\_

# PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

[www.mathworksheets4kids.com](http://www.mathworksheets4kids.com)