

# Writing the Equations

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- 1) The variable  $m$  varies inversely with  $n$ . The value of  $m = 9.3$  when  $n = 4.5$ . Write an equation that relates  $m$  and  $n$ .
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- 2) The variable  $c$  varies inversely with  $d$ . The value of  $c = 6$  when  $d = 27$ . Write an equation

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- 4) \_\_\_\_\_
- 5) The variable  $w$  varies directly with  $x$ . The value of  $w = 128$  when  $x = 64$ . Write an equation that relates  $w$  and  $x$ .
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