

Writing the Equations

- 1) The variable s varies directly with t . The value of $s = \frac{1}{9}$ when $t = \frac{5}{6}$. Write an equation that relates s and t .
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- 2) The variable n varies inversely with a . The value of $n = 2$ when $a = 3$. Write an equation that relates n and a .

- 3) The variable r varies directly with s . The value of $r = 4$ when $s = 5$. Write an equation that relates r and s .

- 4) The variable r varies inversely with s . The value of $r = 4$ when $s = 5$. Write an equation that relates r and s .
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- 5) The variable s varies inversely with t . The value of $s = \frac{2}{5}$ when $t = 10$. Write an equation that relates s and t .
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