

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

## Rearranging Equations

T2MS3

1) Solve  $-\frac{4x}{13-5x} = -\frac{1}{g^3}$  for  $x$ .

2) Solve  $\frac{1}{16} = \frac{2v-k}{9k-7}$  for  $v$ .

3) Solve  $r^2 = \frac{20q}{3} + \frac{1}{a+6}$  for  $b$ .

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5) Solve  $m(25h-37) = \frac{c-w}{33}$  for  $w$ .

7) Solve  $\frac{(1+y)(10-z)}{10} = y$  for  $y$ .

8) Solve  $26d+c = -n(c-31)$  for  $c$ .