

**Quiz 12** .....Solve for  $y$ .

1.  $2x - 1 = x - y$

2.  $3(x + y) = 4y + 5$

3.  $\frac{1}{3}y + \frac{5}{6}x = x - \frac{2}{3}$

Solve for the specified variable.

4. The formula  $P = 2l + 2w$  gives the perimeter  $P$  of a rectangle with width  $w$  and length  $l$ . Solve the formula for  $w$ .5. The formula  $F = \frac{9}{5}C + 32$  gives the Fahrenheit temperature  $F$  for a given Celsius temperature  $C$ . Solve the formula for  $C$ .