Literal Equations

Name: _____   **Date**: _____   **Score**: _____

Direction: Solve the literal equation for the required variable. Show all your work in the space provided.

1) $\dfrac{x-y}{5} = -1$ for x

2) $m - 1 = 3(k + 2m)$ for m

3) $\dfrac{h-2}{h-3} = \dfrac{1}{-f}$ for h

4) $2w - p = \dfrac{3}{4}(-w + 1)$ for w

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> Direction: Solve the literal equation for the required variable. Show all your work in the space provided.

1) $\dfrac{x-y}{5} = -1$ for x

$x = y - 5$

2) $m - 1 = 3(k + 2m)$ for m

$m = \dfrac{-3k - 1}{5}$

3) $\dfrac{h-2}{h-3} = \dfrac{1}{-f}$ for h

$h = \dfrac{2f + 3}{f + 1}$

4) $2w - p = \dfrac{3}{4}(-w + 1)$ for w

$w = \dfrac{4p + 3}{11}$