Name _____ Date _____

Identify Equivalent Linear Expressions

Circle each of the expressions that are equivalent to the given expression. There may be more than one equivalent expression in each box.

$5m + 20$	$4a - 12b$
$5(m + 4)$ $5m - 20$	$4(a - 12b)$ $-12b + 4a$
$3m + 20 + 2m$ $20 + 5m$	$2(2a - 6b)$ $4(a - 2b)$

$11h - 4 - 9h + 1$	$7(2t + 1)$
$-2h - 3$ $-3 + 2h$	$7(1 + 2t)$ $7t + 7t + 1$
$-2h + 1$ $2h + 3$	$-7(-2t - 1)$ $7 + 14t$

$-6(f + 3) - 4$	$-8p - 4q + 6$
$-4 - 6(f + 3)$ $6f - 14$	$2(-4p - 2q + 3)$ $-12pq + 6$
$-6f - 12$ $-6f - 22$	$-2(4p + 2q - 3)$ $6 - 8p - 4q$

$4 + 3n - n - 18$	$2(-3y + 1) - 8y - 6$
$22 + 2n$ $2n - 14$	$-14y - 4$ $2(7y - 2)$
$2(n - 7)$ $-2(7 - n)$	$-8y - 6 - 6y + 2$ $-4 - 14y$

Challenge! Write two different expressions that are equivalent to each given expression.

$3(8 - 5r)$	$9 + 4(2w + 1) - w$	$15c + 5d - 30$
_____	_____	_____
_____	_____	_____