



## Warm Up Grade 9



# in front of a letter

Coefficients

Variables that

are the same

Determine the product or the quotient.

a)  $(9r^3)(4r^2y - 2x)$

b)  $(-7m^4 + 2m - 10)(-7m)$

Monomial

$36r^5y - 18r^3x$        $49m^5 - 14m^2 + 70m$

c)  $\frac{80t^5 + 14t^4 - 18t}{-2t}$

$t^5 \div t^1 = t^{5-1} = t^4$   
 $t^4 \div t^1 = t^{4-1} = t^3$

$\frac{80t^5}{-2t} + \frac{14t^4}{-2t} - \frac{18t}{-2t}$   
 $-40t^4 - 7t^3 + 9(1)$

$t^1 \div t^1 = t^{1-1} = t^0 = 1$



Homework / Class work

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