4.29.16

Use your exponenet rules foldable that we have filled out this week to simplify the following expressions.

1) $\dfrac{(-4x^5y)^2}{48x^2y^2}$

$\dfrac{16x^{10}y^2}{48x^2y^2}$

$\boxed{\dfrac{1\,x^8}{3}}$

2) $\dfrac{(3ab)^3 \cdot (-2ab^4)}{6ab^2}$

$\dfrac{\left(27a^3b^3\right)\left(-2ab^4\right)}{6ab^2}$

$\dfrac{-54a^4b^7}{6ab^2}$

$\boxed{-9a^3b^5}$