Warm Up:
Simplify.
\[3x^2y^{-3} \cdot 4x^3y^2\]
\[(5x^{-2}y^4)^5\]

Learning Goals: State and check the Random, 10% and Large Counts conditions for performing a significance test about a population proportion. Calculate the standardized test statistic and P-Value for a test about a population proportion. Perform a significance test about a population proportion.

Conditions:  
Test-Statistic:

P-Value:  
Two-Sided:

Four-Step Process:  
State:  
Plan:

Do:  
Conclude: