

Correct. First apply the exponent 2 to each factor in the numerator: $\frac{5^2 s^2}{s^3} = \frac{25s^2}{s^3}$

Use the quotient rule: $25s^{(2-3)} = 25s^{-1} = \frac{25}{s}$

Evaluate the expression, using -1 in place of s : $\frac{25}{-1} = -25$