Correct. The domain of this expression must exclude a = 0, since this value would make the numerator of the divisor equal to $0: \frac{6(0)^3}{2} = \frac{0}{2} = 0$, and would lead to division by $0: \frac{12(0)^5}{6} \div 0$. Simplifying the expression, you find $\frac{12a^5}{6} \cdot \frac{2}{6a^3} = \frac{2a^2}{3}$.