

$\frac{15}{500} = \frac{3}{100}$ and $\frac{18}{400} = \frac{9}{200}$. Because $\frac{3}{100} \neq \frac{9}{200}$, the ratios that describe the situations are not equivalent fractions. The question asked which museum has the same ratio of guides to students. Because $\frac{15}{500} = \frac{9}{300}$, the correct answer is the Silver City Art Museum.