$$\Delta \frac{a}{b} = \left| \frac{a}{b} \right| \sqrt{\left(\frac{\Delta a}{a}\right)^2 + \left(\frac{\Delta b}{b}\right)^2}$$
$$= |2.5| \sqrt{0.05^2 + 0.25^2}$$
$$= 0.6373774391990982$$