$\sqrt{\left(\frac{0.24×1.56×7.2×10^{5}}{1.3×0.16×0.09×10^{5}}\right)}$

$\sqrt{\left(\frac{24×156×72}{13×16×9}\right)}$

$\sqrt{\left(\frac{2×12×13×12×8×9}{13×8×2×9}\right)}$ The numerator in bold cancels the denominator in bold

$\sqrt{12×12 }=12$