NMT Slide Rule Competition Rules (Live Audience Version)

You will be given a series of 10 challenging calculations to be performed using the slide rule. The first contestant to raise their hand will get a chance to answer the question. If the answer is correct (2 significant digits and the power of 10), then that contestant wins the point. If not, other contestants can raise their hand and try to answer until all contestants have made an attempt or 2 minutes have elapsed.

Sample Questions

1.) 8.15×0.0906

2.) $\sqrt[4]{62.5} \times 0.0422$

3.) $\dfrac{\sqrt[3]{57.1} \times 2.22}{0.374 \times \sqrt[3]{2810}}$

4.) $\dfrac{4.42 \times \dfrac{4\pi}{\sqrt{7.48}} \times \sqrt{0.000602}}{\sqrt{\sqrt[3]{3.11}}}$

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Answers

1.) 7.38×10^{-1}

3.) 1.62×10^{0}

2.) 1.27×10^{0}

4.) 4.12×10^{-1}