## COMPUTING SQUARE ROOTS.

Student A: Spreadsheet software (Open Office)

## Part 1: we consider $\boldsymbol{n}=\mathbf{2}$

Prompt $\mathrm{A}_{1}$ in cell A1.
Write the formula that gives $\mathrm{A}_{2}$.
Copy downward to compute $A_{3}, A_{4} \ldots$

## Part 2:

Find approximations to $10^{-7}$ of the square roots of $3,5,7,10$.

| Number | $\sqrt{2}$ | $\sqrt{3}$ | $\sqrt{5}$ | $\sqrt{3}$ | $\sqrt{10}$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Approximation |  |  |  |  |  |

Part 3: debrief with Student B

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