

► Use Math Induction (start-at- $n_0 \in \mathbb{Z}$ /extended/generalized form) to show your group's exercise.

**Group 1.** Show that for  $n \in \mathbb{N}$  with  $n > 4$

$$n^2 < 2^n .$$

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*Proof.* cut this out and put your proof here

