

→ Trick to find Powers of 2.

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$$1 \ll 0 \rightarrow 1 \Rightarrow 1$$

$$1 \ll 1 \rightarrow 10 \Rightarrow 2$$

$$1 \ll 2 \rightarrow 100 \Rightarrow 4$$

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$$1 \ll 3 \rightarrow 1000 \Rightarrow 8$$

$$1 \ll 4 \rightarrow 10000 \Rightarrow 16$$

$$\therefore \boxed{1 \ll n = 2^n}$$