$$(1 << n) + (k'' \land (k'' >> 1)) =$$

$$1 \overline{k'_{n-2}} \overline{k'_{n-3}} \overline{k'_{n-4}} \cdots \overline{k'_{0}}$$

$$\uparrow 0 0 \overline{k'_{n-2}} \overline{k'_{n-3}} \cdots \overline{k'_{1}}$$

$$(1k' \wedge (1k' >> 1)) =$$

$$1 \quad k'_{n-2} \quad k'_{n-3} \quad k'_{n-4} \quad \cdots \quad k'_{0}$$

$$0 \quad 1 \quad k'_{n-2} \quad k'_{n-3} \quad \cdots \quad k'_{1}$$