



Problem Solver



A man took $\frac{1}{6}$ of the mangos in a dish. Then his wife took $\frac{1}{5}$ of the remaining mangos. Then his son took $\frac{1}{4}$ of the remaining mangos. Then his oldest son took $\frac{1}{3}$ of the remaining mangos. Last his youngest son took $\frac{1}{2}$ of the mangos left. There are 3 mangos left. How many mangos were in the dish to start with?