

Name _____ Period _____ Due Date _____

THINK 20

One night the King couldn't sleep, so he went down into the Royal kitchen, where he found a bowl full of mangoes. Being hungry, he took $\frac{1}{6}$ of the mangoes.

Later that same night, the Queen was hungry and couldn't sleep. She, too, found the mangoes and took $\frac{1}{5}$ of what the King had left.

Still later, the first Prince awoke, went to the kitchen, and ate $\frac{1}{4}$ of the remaining mangoes.

Even later, his brother, the second Prince, ate $\frac{1}{3}$ of what was then left.

Finally, the third Prince ate $\frac{1}{2}$ of what was left, leaving only three mangoes for the servants.

How many mangoes were originally in the bowl?