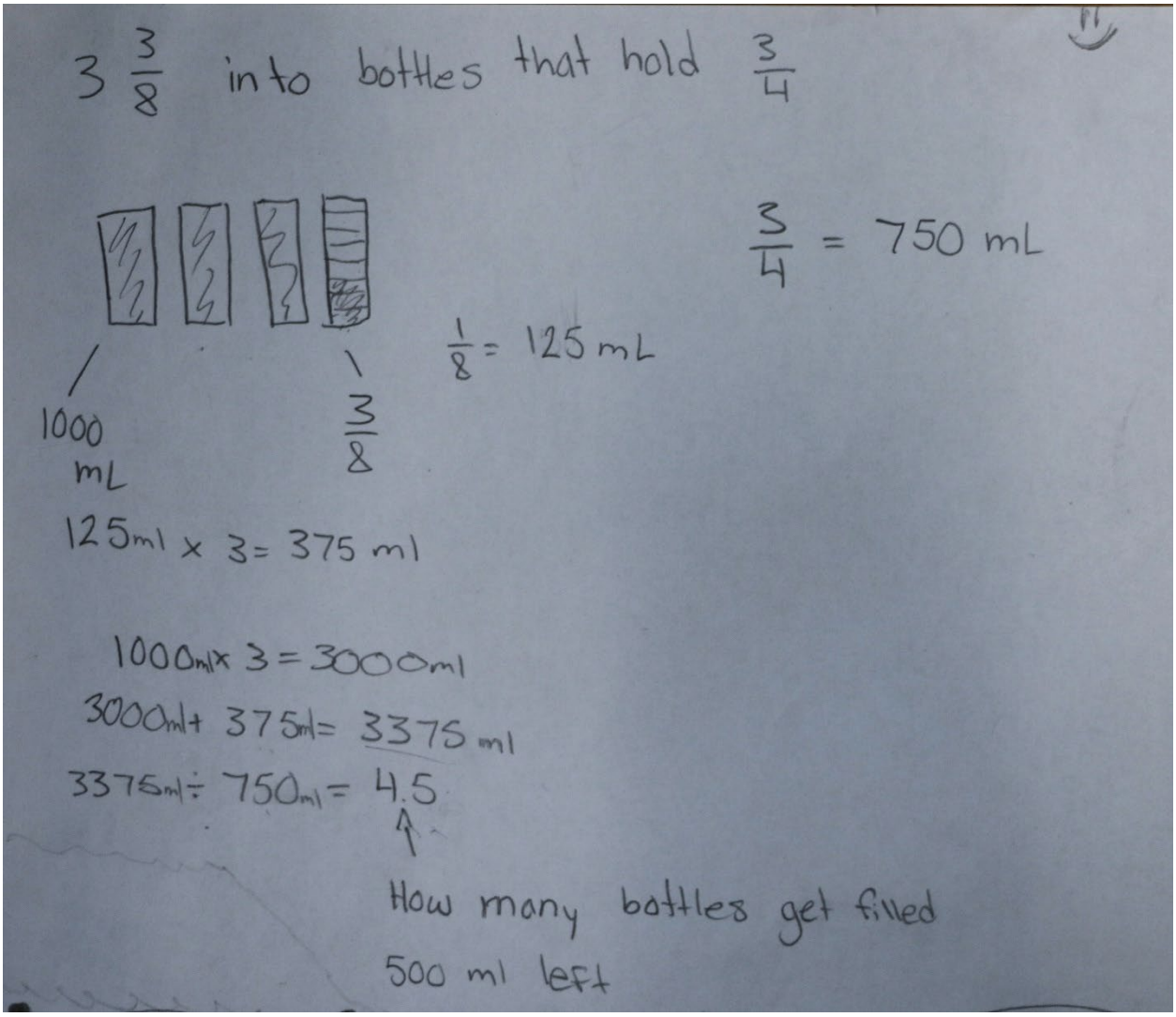
BOTTLING MAPLE SYRUP

OPERATION P

Divide a fraction by an unlike-denominator fraction with a non-whole number remainder

Sample 3



This student converts the fractions to whole number volume measures, correctly determining that the total volume of maple syrup is 3375 ml and that a bottle holds 750 ml. They use these values to determine that it is 4.5 bottles but misinterpret the meaning of the .5 remainder to be 500 ml rather than half a bottle. Encouraging the student to revisit their model and visually represent the pouring into the smaller bottles may help with the meaning of the remainder.