Answer on Question #53326 – Math – Algebra

Question

To make one cake Fred needs each of the following:
25g of sugar, 30g of flour and 10ml of milk.
He has 250g of sugar, 240g of flour and 75ml of milk. Find the maximum number of cakes he can make from the ingredients he has.

Solution

Sugar will be enough to make $\frac{250}{25} = 10$ cakes.

Flour will be enough to make $\frac{240}{30} = 8$ cakes.

Milk will be enough to make ($\frac{75}{10} = 7.5$) 7 cakes.

Fred can make 7 cakes at most.

Answer: 7 cakes.