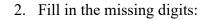
Math 5b, homework 1.



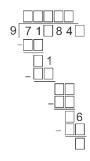
1. The sum of two natural number is 54. First number gives a remainder of 11 when divided by 17, the second gives a remainder 9 when divided by 17. What are these numbers?





$$\begin{array}{c|c}
 20 \\
 -4 \hline
 36
\end{array}$$





3. Apples lose 85% of their weight when dried. How much of dried apples can be made from 200 kg of fresh apples.

4. Mushrooms lose 90% of their weight when dried. How many fresh mushrooms did it take to get 5 kg of dried mushrooms.

5. Evaluate (the answer is 0.8 (or 4/5):

$$\frac{1\frac{1}{2} \cdot 2\frac{2}{3} \cdot 0.36}{0.6 \cdot 2\frac{1}{4} \cdot 1\frac{1}{3}};$$

6. In an elementary school there are 155 studens. $\frac{3}{5}$ of them like math, half of the rest like language art. How many students do like language art?