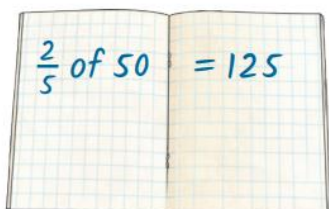


1. Explain the mistake.



They have divided 50 by 2, which gave them 25.

They have then multiplied by 5. So $25 \times 5 = 125$

They should have divided by 5 and then multiplied by 2.

2. Write $<$, $>$ or $=$ to compare the calculations.

a) $\frac{2}{7}$ of 21 $\frac{2}{3}$ of 21

b) $\frac{3}{5}$ of 40 $\frac{2}{3}$ of 36

c) $\frac{6}{8}$ of 40 $\frac{3}{4}$ of 40

d) $\frac{6}{10}$ of 50 $\frac{3}{10}$ of 100

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3. Solve this problem.

Franz has a bag of 96 sweets. Some are red, $\frac{4}{12}$ are green and half are blue. What fraction and quantity are red?



It is clear the fractions are out of 12. Therefore $\frac{1}{12} = 8$

Half are blue which equals. 48 are blue as 48 is half of 96.

$\frac{4}{12}$ would mean $8 \times 4 = 32$. 32 are green.

The remainder are red. $\frac{2}{12} = 8 \times 2 = 16$. 16 are red

4. Use all the digit cards once to complete this calculation.



of 270 =

$\frac{2}{3}$ of 270 = 180

5. Ron gives $\frac{2}{9}$ of a bag of 54 marbles to Alex.

Teddy gives $\frac{3}{4}$ of a bag of marbles to Alex.

Ron gives Alex more marbles than Teddy.

How many marbles could Teddy have to begin with?

$\frac{2}{9}$ of 54 $>$ $\frac{3}{4}$ of

Teddy could have 16, 12, 8 or 4 marbles to begin with.