

**TUESDAY- LEVEL 2 REASONING AND PROBLEM SOLVING**



$\frac{1}{10}$  is 10%, so  $\frac{1}{20}$  must be 20%.

The correct answer is 5% but Ron has made the mistake were because one of the fra were the denominator he thought that happened to all of them

Explain the mistake that Ron has made.

What is the correct answer?

4a. Millen says,

$$\frac{1}{20} = \boxed{5} \%$$



$\frac{1}{25}$  as a percentage is 25%.

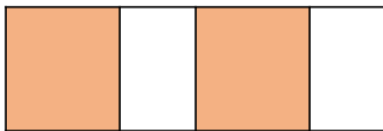
Millen is wrong Ron also made the same mistake they think that the denominator is the percentage but actually you ne the actual answer is 4%

Is she correct? Convince me.



R

5a. In this diagram, each shaded part is  $\frac{6}{20}$  of the area of the rectangle.



$$\frac{6+6=12}{20 \ 2020}$$

There are 3 more sets of 20 needed to get to the 100 and I believe if you split them equally you will get the an answ

What percentage is the total white area?

so i think the percentage of the white area is 18% in total



PS

6a. Seb has converted a fraction into a percentage. He says,



My denominator is 20 or 50. My numerator is divisible by 3. My percentage is >50%.

the answer could be  $\frac{27}{20}$  or  $\frac{27}{50}$

What could his fraction and percentage combinations be? Find two examples for each denominator.



P.