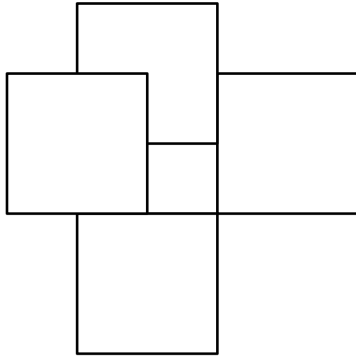


**Year 4 Learning From Home**  
**Subject: Mathematics**  
**Term 4, Week 3, Monday 18/10/21**

**Warm Up:**



**What is the area?**

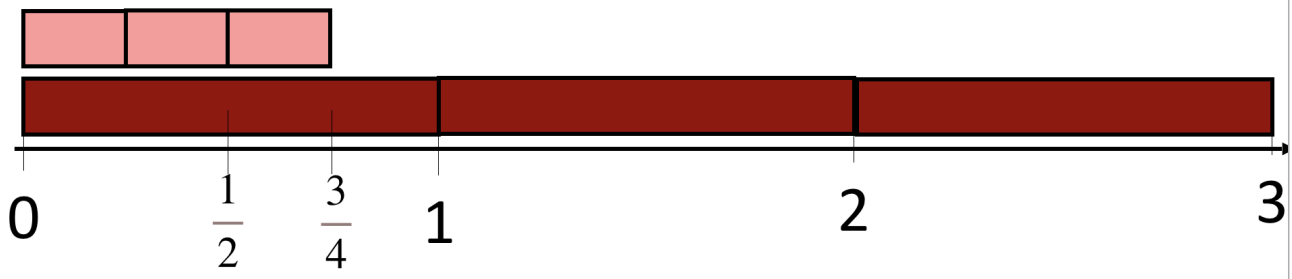
If the large square has an area of 1, what is the area of the whole shape? How do you know?

**Task :**

**Fractions on the number line**

Anthony was asked to draw a number line and show where the fractions  $\frac{1}{2}$  and  $\frac{3}{4}$  were. This is his response:

Three quarters is here, half-way between one half and one whole.  
Three quarters is three copies of one quarter.



1. Do you agree with Antony's explanation? Why/Why not?
2. Can you extend Anthony's thinking to show where  $1 \frac{1}{4}$  (one and one quarter) would be?
3. Where would  $2 \frac{3}{4}$  (two and three quarters) be?
4. Anthony said that this number line could be used to count by quarters starting at 0 and stopping at 3. Do you agree? Record the numbers for Anthony's counting.

**For students who would like an extra challenge:**

- Use Melissa's strategy to compare  **$\frac{6}{25}$**  and  **$\frac{8}{45}$**  this time comparing both fractions with  $\frac{1}{5}$  .