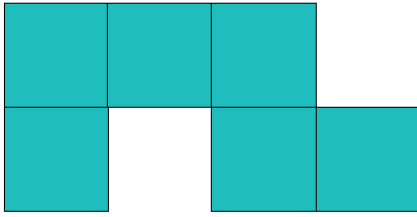


- 1) a) The pet shop manager is redesigning the rabbit hutches. He has started a plan that looks like this:



He has completed  $\frac{2}{3}$  of the plan. Finish the plan.

- 2) There are 12 birds in total at the pet shop. On Tuesday,  $\frac{1}{4}$  of the birds were sold. On Wednesday  $\frac{2}{3}$  of the remaining birds were sold. How many birds were left?



What fraction of the original amount of birds is this?

Show how you worked out your answer.

- 3) The pet shop has a range of small mammals: rabbits, mice and guinea pigs. There are more than 20 animals but less than 40.

$\frac{3}{4}$  of the animals are rabbits.  $\frac{1}{3}$  of the remaining animals are mice and the rest are guinea pigs.

How many of each animal could there be?



Show how you know.