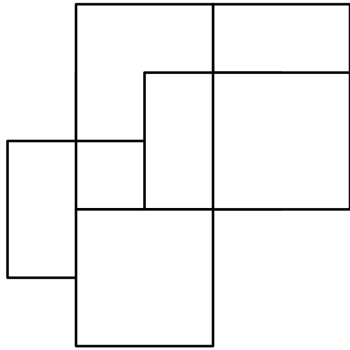# Year 4 Learning From Home
Subject: Mathematics
Term 4, Week 3, Thursday 21/10/21

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 :   **Magic Beans**

1. Suppose magic beans come in packets of four. If you have 23 beans you can make $5\frac{3}{4}$ packets of beans.

How many packets of four beans can you make with:
   a) 9 beans
   b) 13 beans
   c) 22 beans
   d) 101 beans

2. Suppose magic beans come in bigger packets of five. If you have 23 beans you can make $4\frac{3}{5}$ packets of beans.

How many packets of 5 beans can you make with:
  a) 22 beans
  b) 38 beans
  c) 51 beans
  d) 102 beans

3. If you have 31 beans and make $7\frac{3}{4}$ packets, then the packets must contain four beans each.

  a) If you have 31 beans and make 6 ⅕ packets, how many beans are in each packet?
  b) If you have 31 beans and make 10 ⅓ packets, how many beans are in each packet?
  c) If you have 31 beans and make 5 ⅙ packets, how many beans are in each packet?

For students who would like an extra challenge:
  ● A Year 4 student commented that working with fractions is the same as solving division problems. What would you reply to this comment?