

Mathematics

Fractions

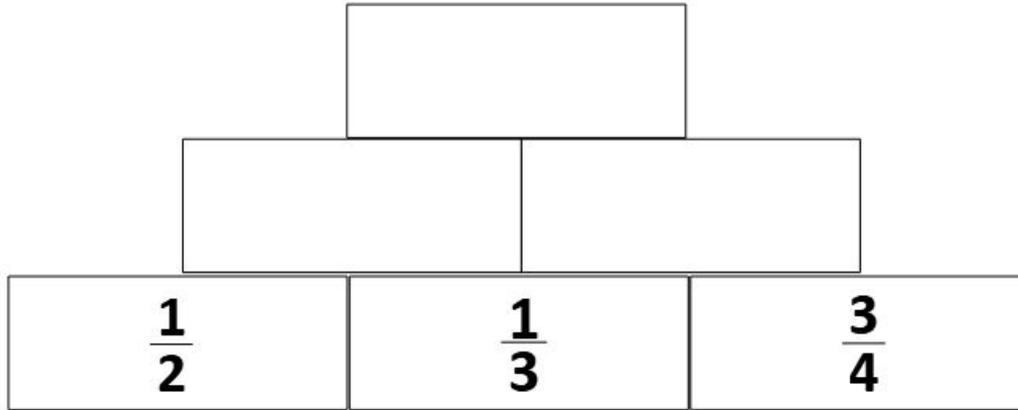
Solve fraction problems with the four operations.

Independent Task



Question 1

Each block is the product of the two below.
Can you complete the pyramid?



Question 2

Harriet has $8\frac{3}{4}$ metres of fabric. She uses $\frac{5}{6}$ of the fabric to make a dress. How much fabric does she use?



Question 3

Sally is serving squash to her friends. She fills a jug $\frac{4}{5}$ of its capacity. Unfortunately, she spills $\frac{1}{10}$ of the volume of squash before serving. She serves the remaining squash equally between her 6 friends. What fraction of the capacity of the jug does each person receive?



Question 4

In Year 7, the children take part in one enrichment activity on a Wednesday afternoon.

They can choose between cookery, basketball and film club.

$\frac{3}{8}$ of the children take cookery, $\frac{1}{6}$ of the children take basketball.

What fraction take film club?



Question 5

I am training for a 10k run.

Last week, I ran $1\frac{7}{8}$ kilometres each day.

How many kilometres did I run altogether?

