

Quick Test - quick test!

1. A cardboard envelope for a compact disc is a square with an area of 334.89 cm^2 . What are the dimensions of the envelope?

2. What is a cube root? Give an example.

3. Tom is making plum crumble. For the crumble topping he uses sugar, butter and flour in the ratio 2 : 3 : 5.

Tom uses 250g of plums for every 400g of topping.

Tom has 0.5kg of plums. He uses all of them.

Work out how much sugar, butter and flour he will need for the crumble topping,

4. Annie and Jamil share £160 in the ratio 3 : 5. How much more money than Annie does Jamil get?

5. Find the LCM and HCF of 32, 48 and 64

6. Round these numbers as directed:

a.	75.1948 (1 dp)	b.	75.1948 (2 dp)
c.	75.1948 (3 dp)	d.	75.1948 (4 dp)
e.	1339.67 (4 sf)	f.	1339.67 (5 sf)
g.	1450000 (3 sf)	h.	0.023456 (4 sf)

7. A sphere has a radius of 8cm. Work out the volume of the sphere. Give your answer correct to 2 decimal places and as a multiple of π .