

Rounding Decimals

1.

One gram of gold costs £32.94

What is the cost of **half a kilogram** of gold?

Show your method

£

2.

Circle the two decimals which are **closest in value** to each other.

0.9

0.09

0.99

0.1

0.01

3.

Annie swims on average 0.87 km in 30 minutes.

If she continues at the same speed, how far will she swim in 2 hours, rounded to one decimal place?

Circle your answer.

3.2 km

3.3 km

3.4 km

3.5 km

3.6 km

Number Sequences

1.

The numbers in this sequence **increase** by 45 each time.

Write the missing numbers.

	155	200	245		
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2.

In this sequence, the rule to get the next number is

Multiply by 2, and then add 3

Write the missing numbers.

	25	53	
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3.

Jon makes a sequence of numbers.

His rule is to add the **same amount** each time.

Write in the missing numbers.

-1				19
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Fractions & Decimals

1.

Write **two decimals**, each less than 1, which multiply to make **0.1**

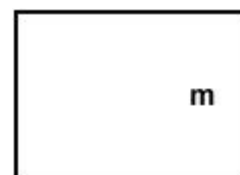
$$\boxed{} \times \boxed{} = 0.1$$

2.

Ellie had a piece of ribbon that was $\frac{3}{4}$ m long.

She cut it and gave half to Grace.

What **fraction** of a metre did she give to Grace?



3.

Write the missing fraction.

$$\frac{1}{3} + \frac{1}{4} + \boxed{} = 1$$