

SATs Revision grids

Using ratio to scale recipes

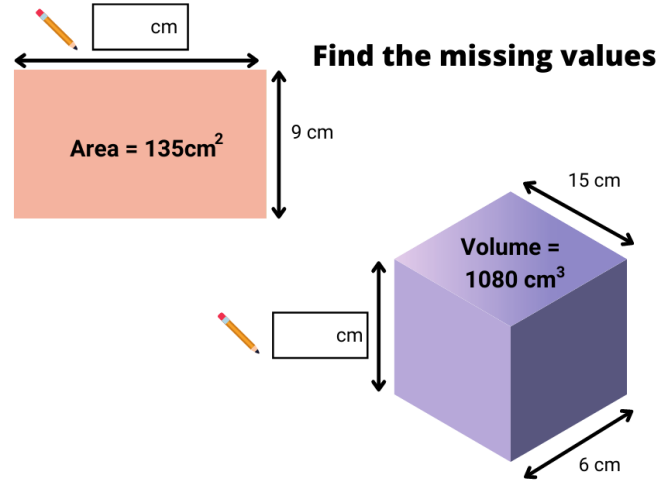
Use the recipe to answer the questions.

Tropical Smoothie Serves 2

- 150g pineapple chunks
- 100g kiwi
- 200ml coconut water
- 75ml water
- 15g coconut sugar
- 10 ml lime juice
- 2 mint leaves
- 40g cucumber
- 10g ice cubes

- a) How much pineapple is needed for a recipe that serves 1 person? _____
- b) If 200g kiwi were used, how much water is needed? _____
- c) If 45g coconut sugar is used, how much lime juice is needed? _____
- d) How many mint leaves and ice cubes are needed for a recipe that serves 10 people? _____

Recognise when to use formula for area and volume of shapes



$$\frac{80}{5} \div 5 =$$

$$2\frac{1}{4} - 1\frac{2}{12} =$$

$$50 - 3 \times 4^2 =$$

$$28\% \text{ of } 200 =$$

Use estimation to solve problems

Lucy, Gemma, and Harry raise £65 for charity.

Lucy raised half as much as Gemma.

Harry raised £5 more than Gemma.

How much did they each raise?



Lucy = £



Gemma = £

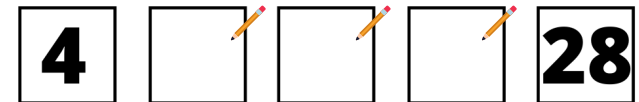


Harry = £

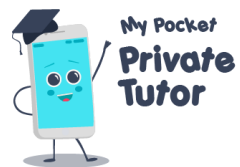


Describe number sequences

Surinder makes a sequence of numbers. The 1st number is 4 and the 5th is 28 **Complete....**



Surinder says that the number 103 will appear later on in this sequence. Is she correct? **YES / NO**
Explain your reason.



SATs Revision grids

Using ratio to scale recipes

Use the recipe to answer the questions.

Tropical Smoothie Serves 2

- 150g pineapple chunks
- 100g kiwi
- 200ml coconut water
- 75ml water
- 15g coconut sugar
- 10 ml lime juice
- 2 mint leaves
- 40g cucumber
- 10g ice cubes

a) How much pineapple is needed for a recipe that serves 1 person? 75g

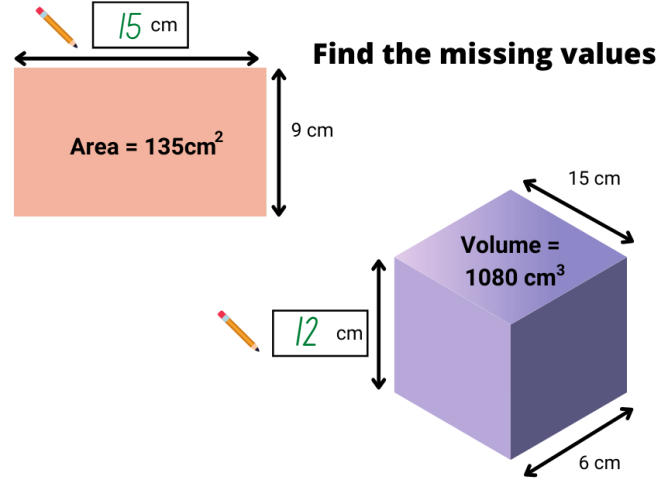
b) If 200g kiwi were used, how much water is needed? 150ml

c) If 45g coconut sugar is used, how much lime juice is needed? 30ml

d) How many mint leaves and ice cubes are needed for a recipe that serves 10 people?

10 mint leaves and 50g ice cubes

Recognise when to use formula for area and volume of shapes



$$\frac{5}{8} \div 5 = \frac{5}{40} \text{ or } \frac{1}{8}$$

$$2\frac{1}{4} - 1\frac{2}{12} = 1\frac{1}{12}$$

$$50 - 3 \times 4^2 = 2$$

50	-	48							
----	---	----	--	--	--	--	--	--	--

$$28\% \text{ of } 200 = 56$$

--	--	--	--	--	--	--	--	--	--

Use estimation to solve problems

Lucy, Gemma, and Harry raise £65 for charity.

Lucy raised half as much as Gemma.

Harry raised £5 more than Gemma.

How much did they each raise?



Lucy = £12

Gemma = £24

Harry = £29

Describe number sequences

Surinder makes a sequence of numbers.

The 1st number is 4 and the 5th is 28

4	10	16	22	28
---	----	----	----	----

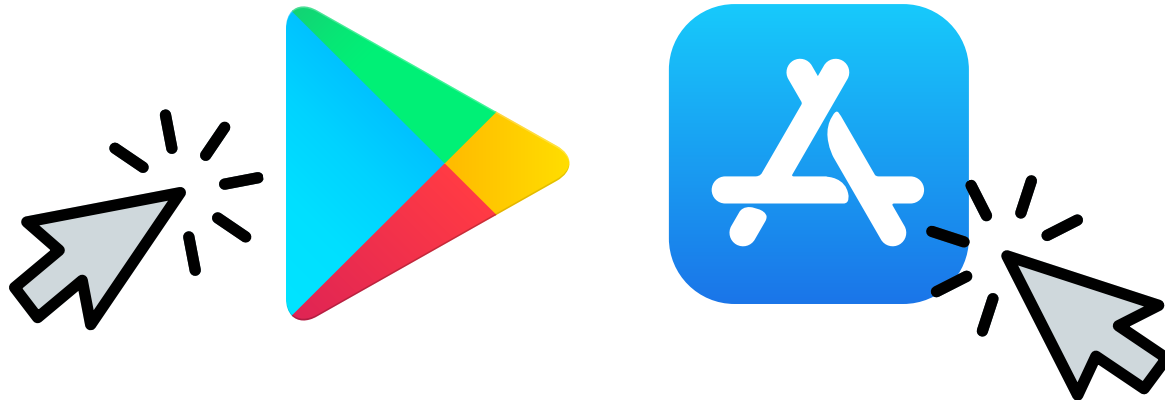
Surinder says that the number 103 will appear later on in this sequence. Is she correct? YES / NO Explain your reason.

No the numbers in the sequence are all even numbers



Would you like more revision Grids delivered straight to your inbox?

Download the SATs revision app (for free) and you will receive a revision grid to support your child every week.



www.pocketprivatetutor.co.uk

