YEAR 6 HELPING YOUR CHILD WITH MATHS

20th March 2018

AIMS OF THE EASTER HOLIDAY MATHS WORK

- Practise key concepts that have been taught in maths lessons.
- Build your child's confidence in completing problems in maths.
- Build your child's confidence in using a range of methods to answer arithmetic questions.

TOP TIP: Please don't encourage your child to do all the work in one go. Little and often is a better way to practise their maths skills.

SOLVING MATHS PROBLEMS

1. Understand the problem

- What is happening in the problem?
- What is the question you are being asked to answer?

SOLVING MATHS PROBLEMS

2. Make a plan

- What do you know from the problem?
- What else do you know from the problem?
- Can you draw a bar model or picture to help you understand the problem?
- What do you need to work out using the information you have?

SOLVING MATHS PROBLEMS

3. Calculate

- How many calculations do you have to do?
- Which method/s are you going to use?

SOLVING MATHS PROBLEMS

4. Check your answer

- Have you answered the question?
- Have you done all the calculations needed?
- Have you checked your arithmetic?

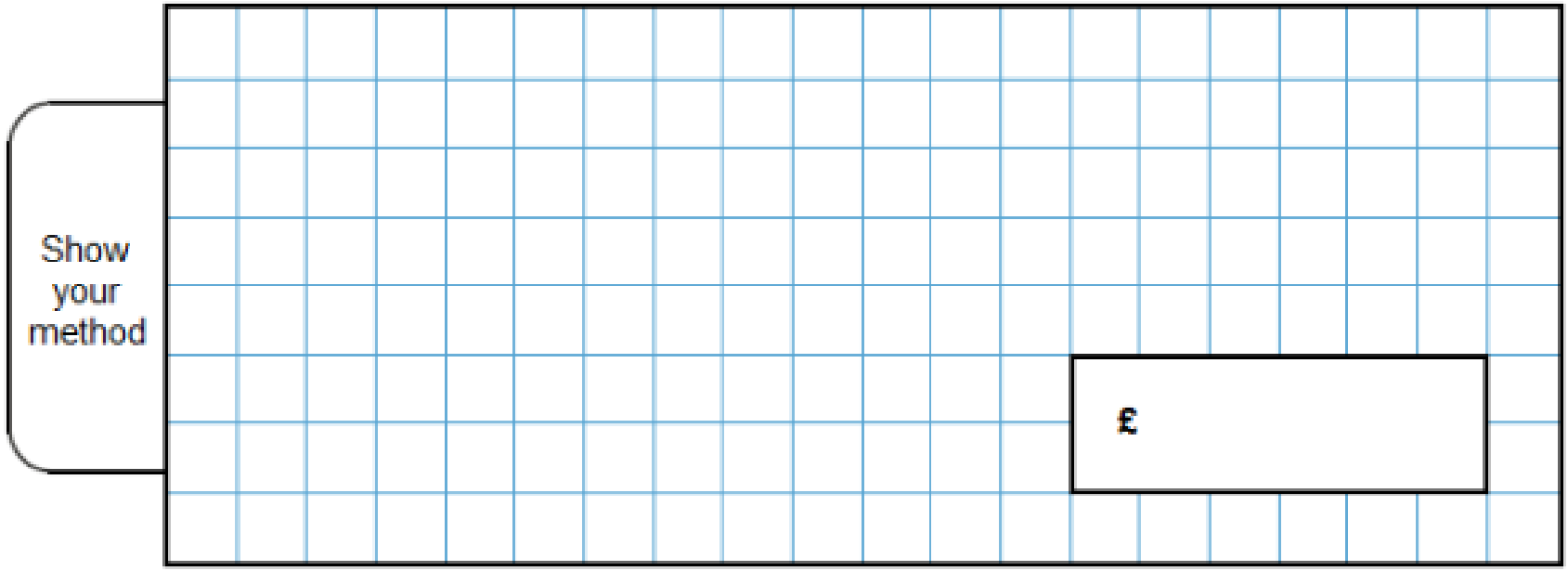
Large pizzas cost £8.50 each.

Small pizzas cost £6.75 each.

Five children together buy one large pizza and three small pizzas.

They share the cost equally.

How much does each child pay?



2 marks

Lara had some money.

She spent £1.25 on a drink.

She spent £1.60 on a sandwich.

She has **three-quarters** of her money left.

How much money did Lara have to **start with**?

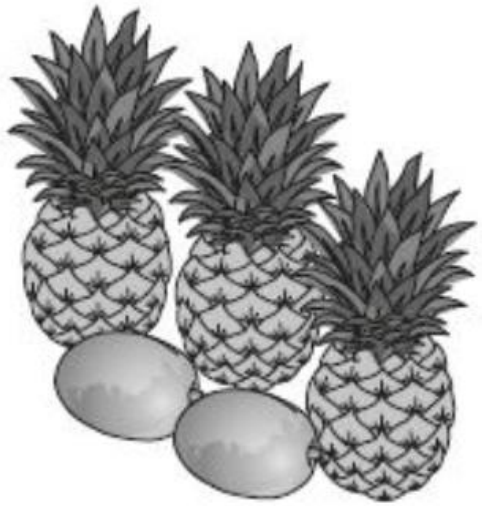
Show your method

£

2 marks

3 pineapples cost the same as 2 mangoes.

One mango costs £1.35



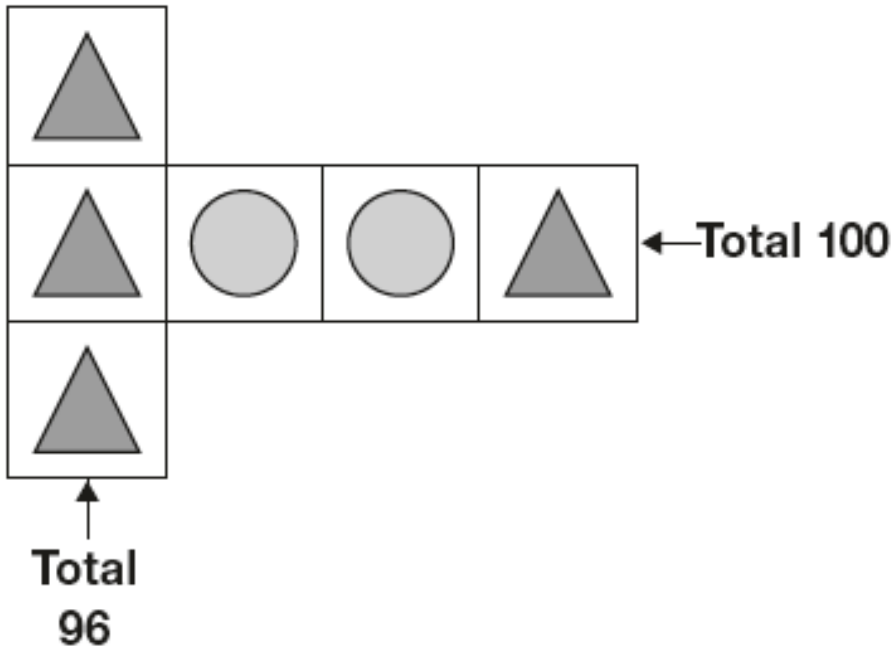
How much does **one** pineapple cost?

Show your method

£

2 marks

Each shape stands for a number.



Work out the **value** of each shape.

▲ = _____

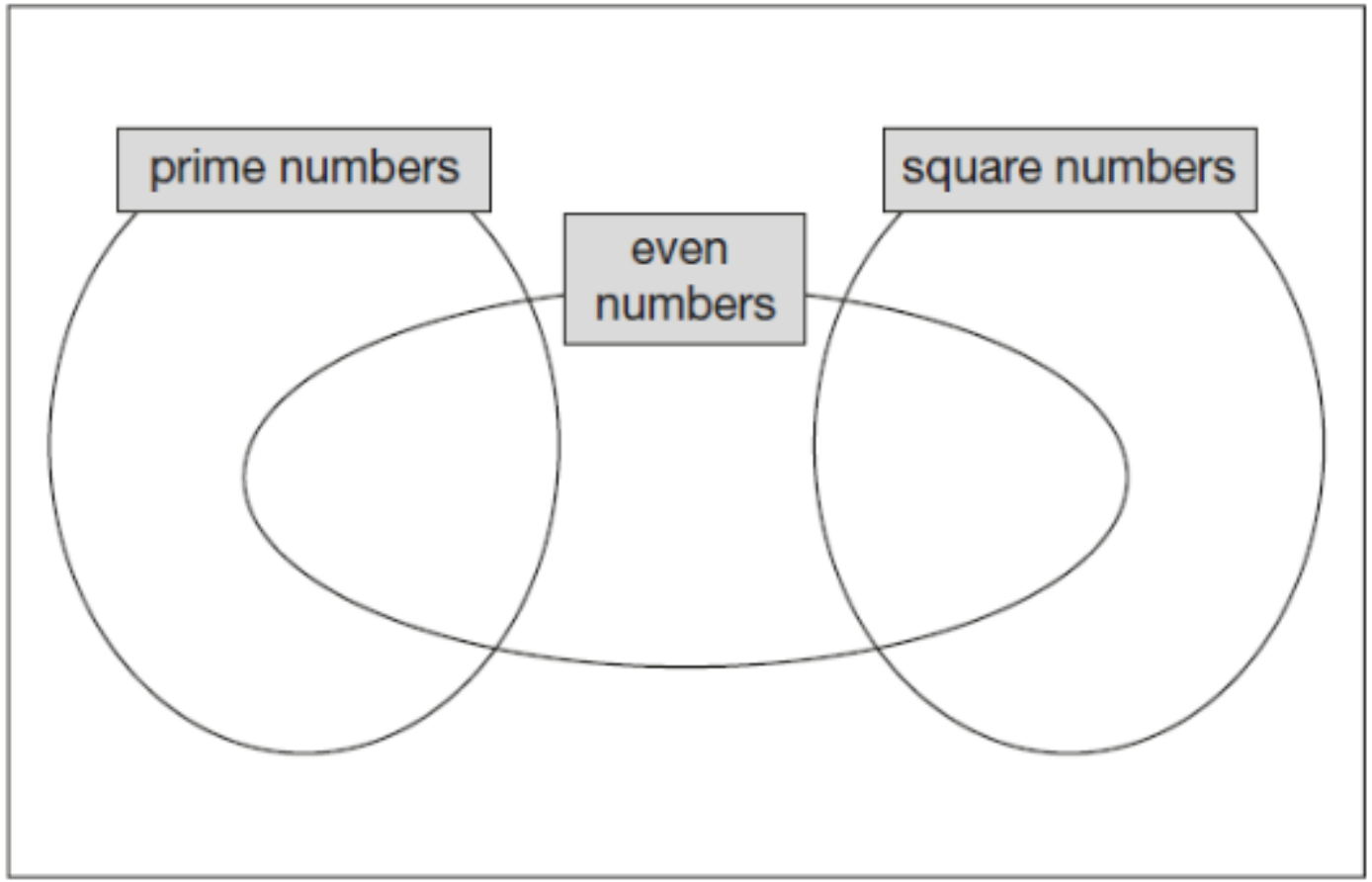
1 mark

● = _____

1 mark

Write each number in its correct place on the diagram.

16 17 18 19



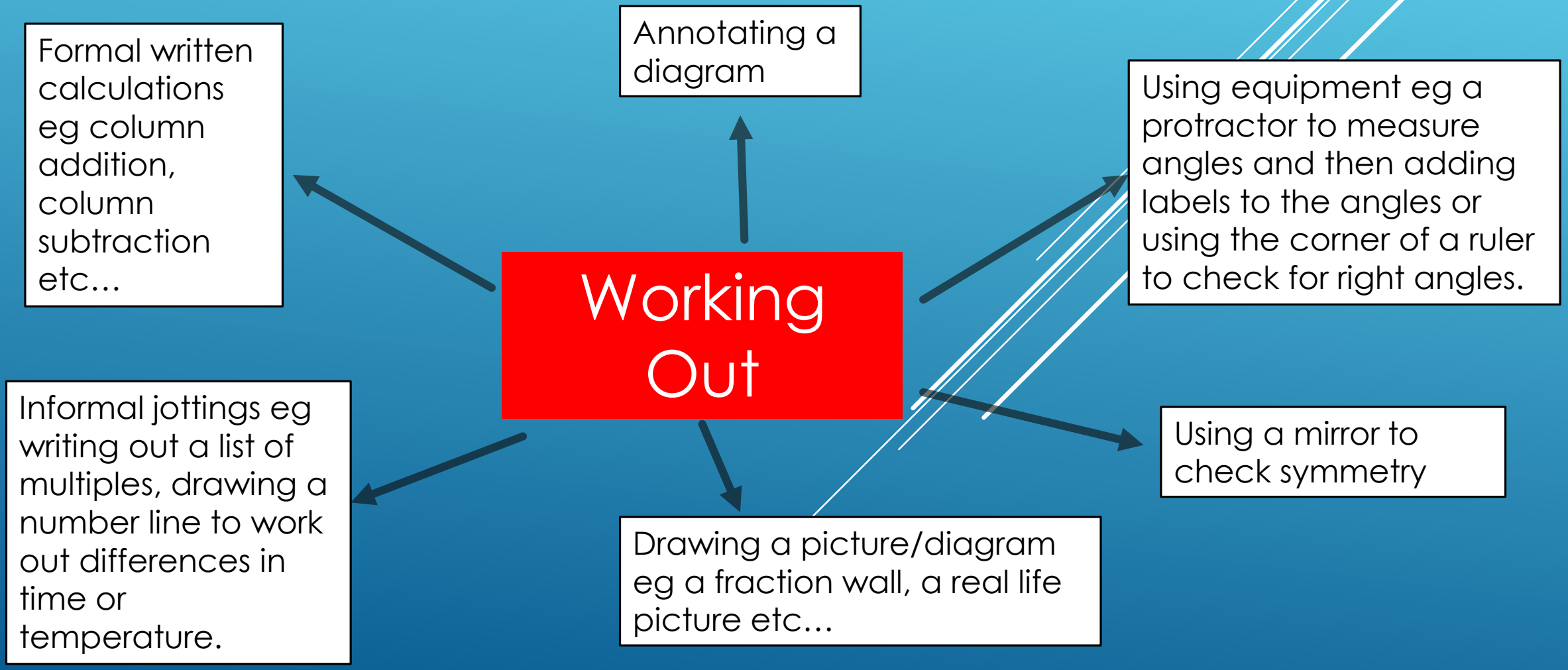
2 marks

A **square** number and a **prime** number have a total of 22

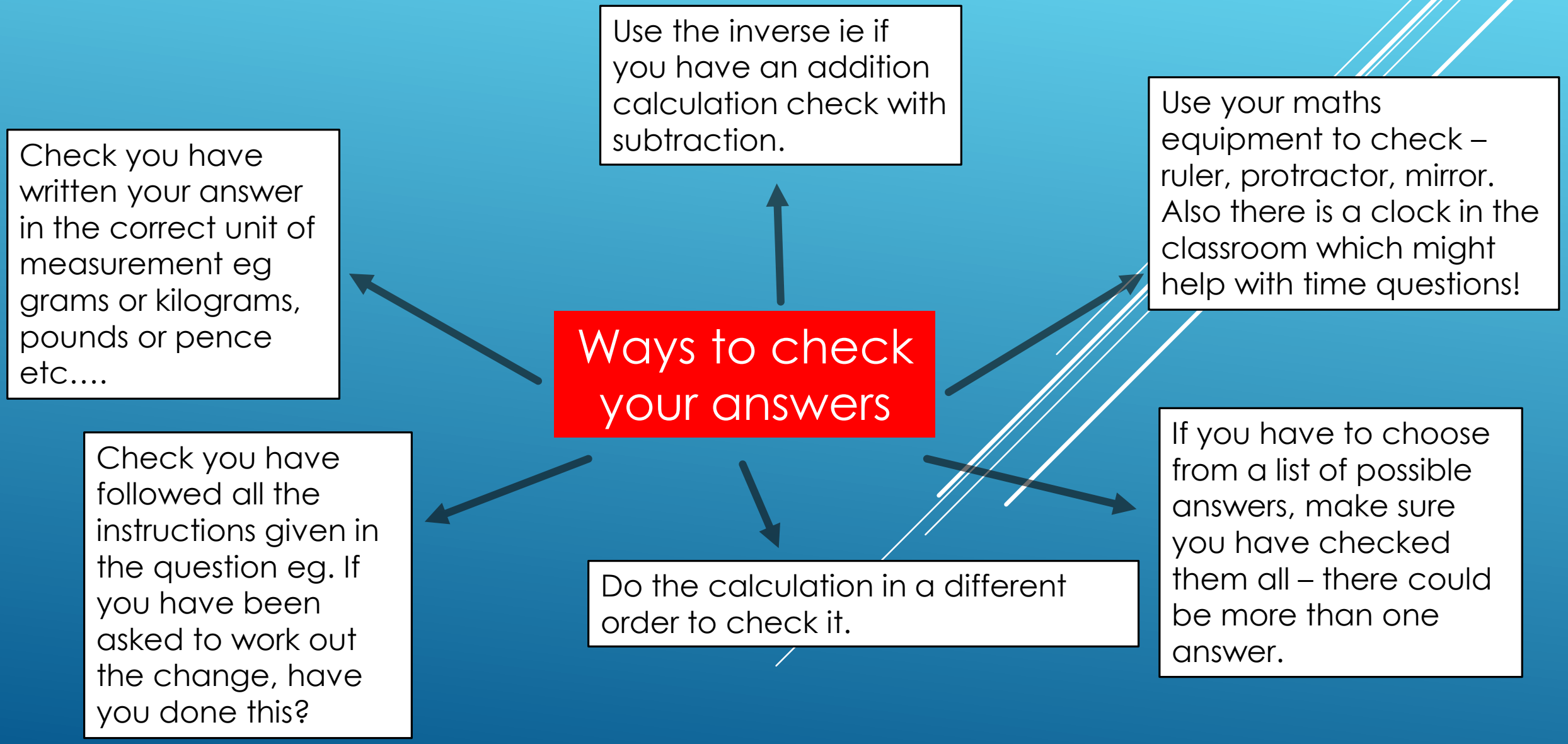
What are the two numbers?

SHOWING YOUR WORKING OUT

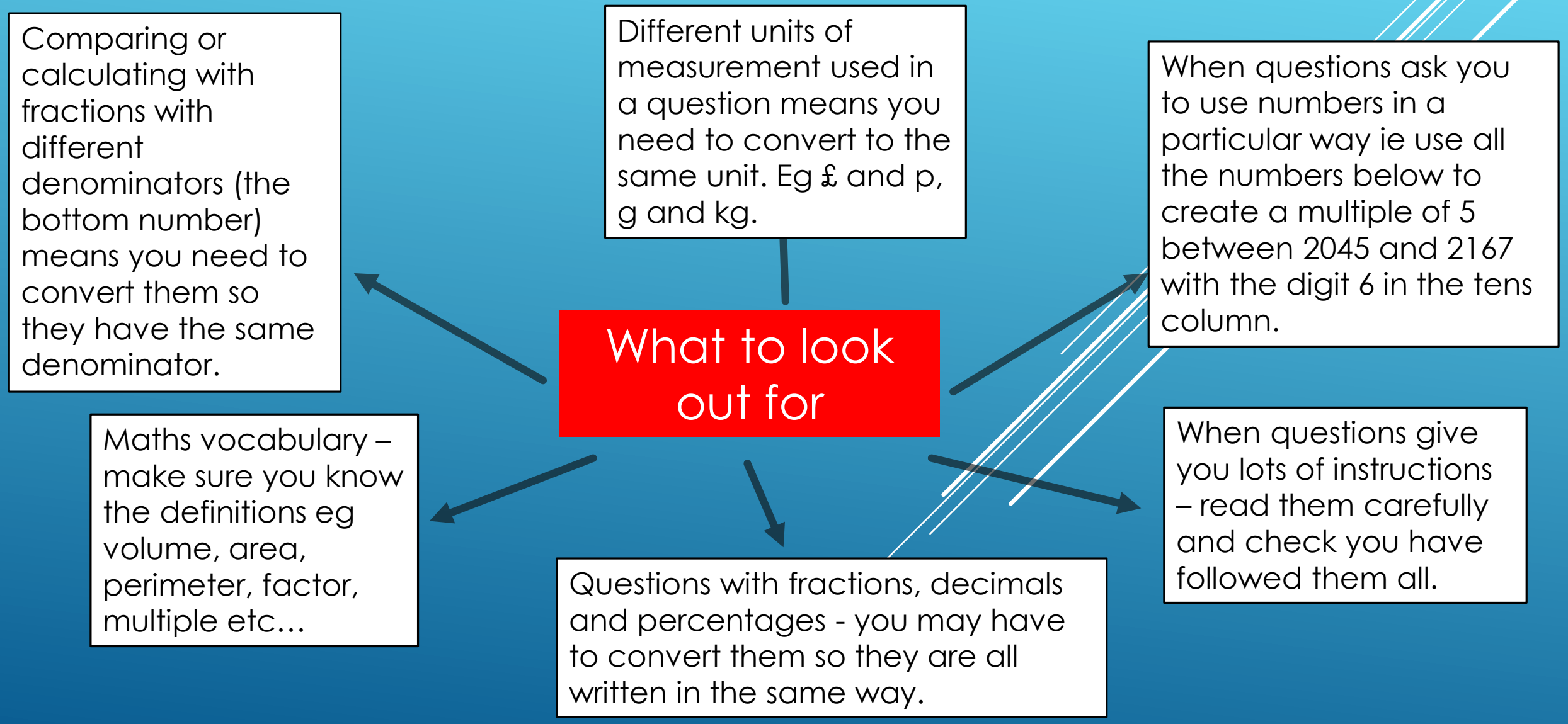
Even if there is not a working out box with the question, it is important to do some form of working out to reach the answer.



CHECK ANSWERS CAREFULLY



THESE THINGS CAN CATCH THE CHILDREN OUT



REASONING QUESTIONS

- The reasoning questions are divided into different topics.
- A glossary has also been included to help the children if they don't know the definitions of any maths words in the questions.
- A column of squared paper has been included with the questions for any working out that needs to be done to help reach the answer.
- If your child needs extra paper for working out then please let them use it.

ARITHMETIC QUESTIONS

- As well as the reasoning questions, we will be sending home a set of arithmetic quizzes.
- The answers are included at the back of each quiz so that you can check through the answers with your child.
- There is also a sheet containing tips to help with methods for answering the questions if your child gets stuck.

SCHOOL WEBSITE

On the school website we have put:

- Gordons maths games to help the children practise their maths skills.
- A link to an online maths dictionary to look up any unknown maths words.
- A link to the Woodlands Junior Maths Zone which has lots of maths games and questions to work on.