



Statistics and probability
Measurement and geometry
Number and algebra

Mathematics

Bringing it to Life Questions

Statistics and probability
Measurement and geometry
Number and algebra

What can you recall?

Fluency

How could you record that mathematically?

Can you remember the name of...?

What words could you use to describe...?

What is the value of...?

How many...?

What can you recall?



**Can you choose
and use your maths
flexibly?**

Fluency

**Choose a way to record that mathematically.
What would be an efficient way to...
Choose a way to...**

Can you choose and use your maths flexibly?



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How can you interpret?

Problem Solving

What are you being asked to find out or show?

What information is helpful?

What information is not useful?

How can you interpret?

In what ways can you model and plan?

Problem Solving

Do you have an idea?

What could you try?

Can you draw a picture or use equipment?

Ask someone to show you what they are trying.

In what ways can you model and plan?

In what ways can you solve and check?

Problem Solving

How can you...?

Does that seem right to you?

How can you check your answer?

Do other people think that too?

In what ways can you solve and check?

Reflect

Problem Solving

Would you like to change your mind and try something different?

Would you do it a different way next time?

How efficient was the way you did it?

How reasonable or realistic is your answer?

Reflect

In what ways can you prove it?

Reasoning

Prove that...
Convince someone to think differently.
What else could it be?

In what ways can you prove....?

In what ways can you communicate?

Reasoning

How come...?

Explain it to a friend.

Why did you choose to...?

Why is it not...?

In what ways can you communicate?

**In what ways can
your thinking be
generalised?**

Reasoning

Why are these the same and/or different?

Is there a rule that we could use to describe...?

Is there a rule that always works?

In what ways can your thinking be generalised?

What can you infer?

Reasoning

**Now that you know that, can you work out...?
I'm thinking of something and I'm going to
give you some clues.
Because I know this, I also know that.**

In what ways can you infer?

**What patterns, connections
or relationships can you
see?**

Understanding

How are these the same as each other?

How are these different from each other?

Which is the odd one out?

What is the connection between...?

What patterns, connections or relationships can you see?

Can you answer backwards questions?

Understanding

If the answer is...what might the question be?

What's missing?

Can you answer backwards questions?

Can you represent or calculate in different ways?

Understanding

What is another way...?

What is another way to represent that?

What is another way to work that out?

What is another way to check that?

Can you represent or calculate in different ways?