



Study skills

**LP – To improve resilience
when answering difficult
questions**



Throughout your education you will be faced with challenging questions and problems to overcome. It is important that you work through such challenges in a logical manner and do not give up when you don't find the answer immediately.

The following questions will make you really think!

Maths Challenge

This riddle must be done **IN YOUR HEAD** and **NOT** using paper and pen or a calculator. Try it!

Take 1000 and add 40 to it. Now add another 1000 to it.

Now add 30. And another 1000.

Now add 20. Now add another 1000. Now add 10.

What is the total?

Maths Challenge

Answer: Did you get 5000? Way to go. Most of us did, but that's wrong. The answer is 4100. Believe it: use a calculator.

Maths Challenge

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Answer: 42, 49, 56 (Add 7.)

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Maths Challenge

A boy is 2 years old, his brother is half as old as him. When the first boy is 100, how old will his brother be?

Answer: 99