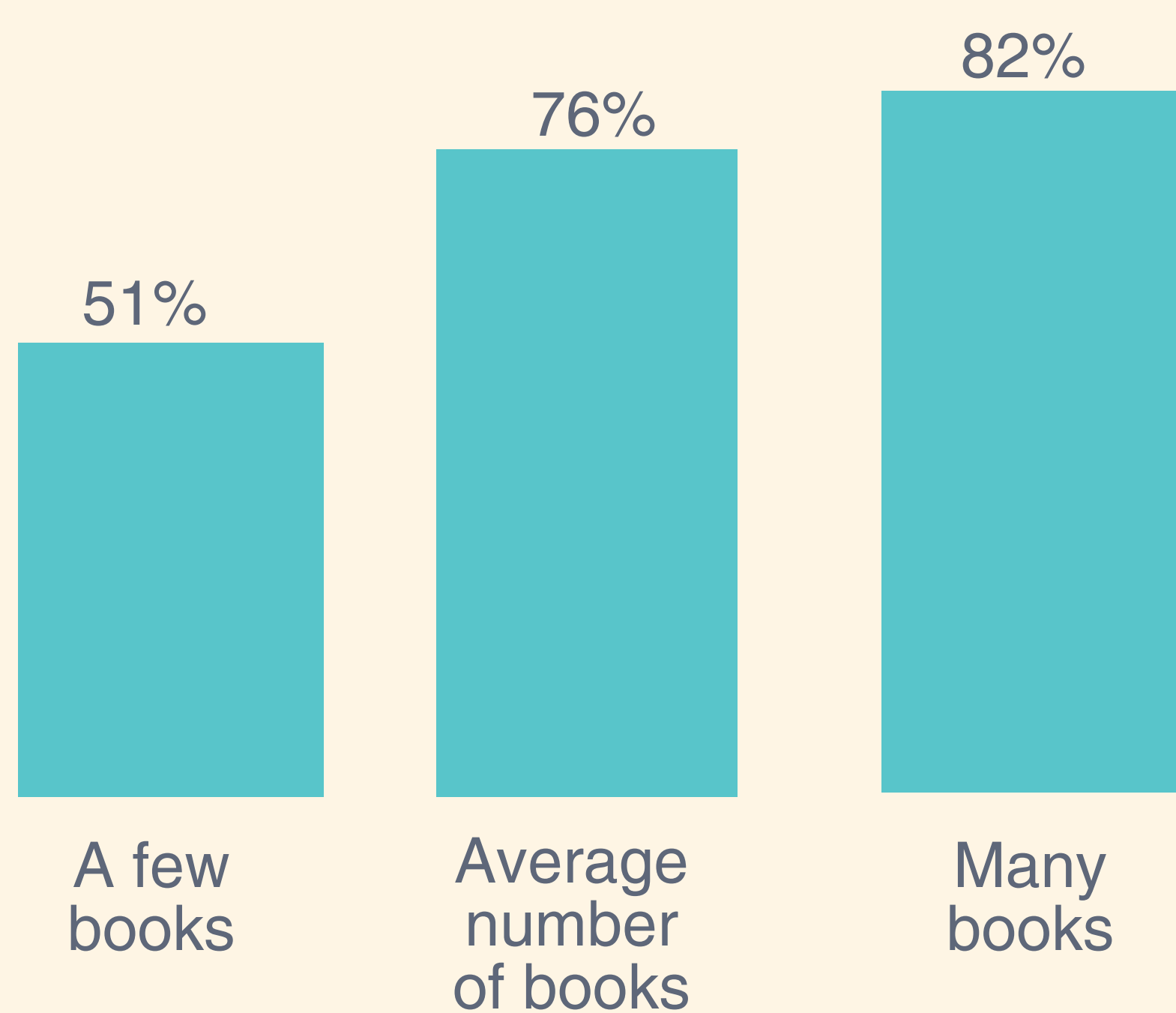


# The relationship between BOOKS AT HOME and student achievement

The Trends in International Mathematics and Science Study (TIMSS) is an international comparative study of student achievement. Here, we look at TIMSS data on books in the home and the percentage of Australian students at or above the proficient standard\* for maths and science.

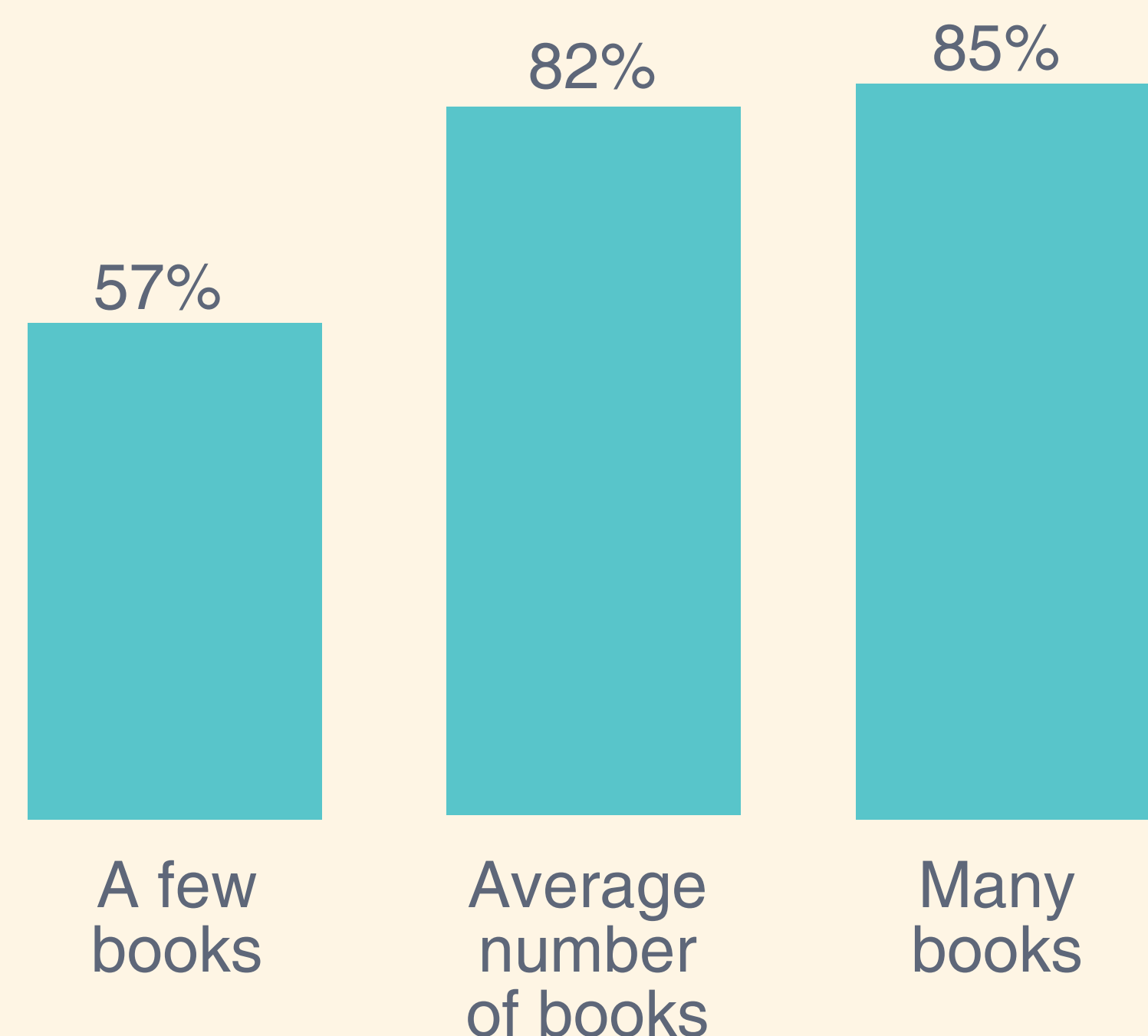
## Year 4 Maths

Students at or above the proficient standard for Australia:



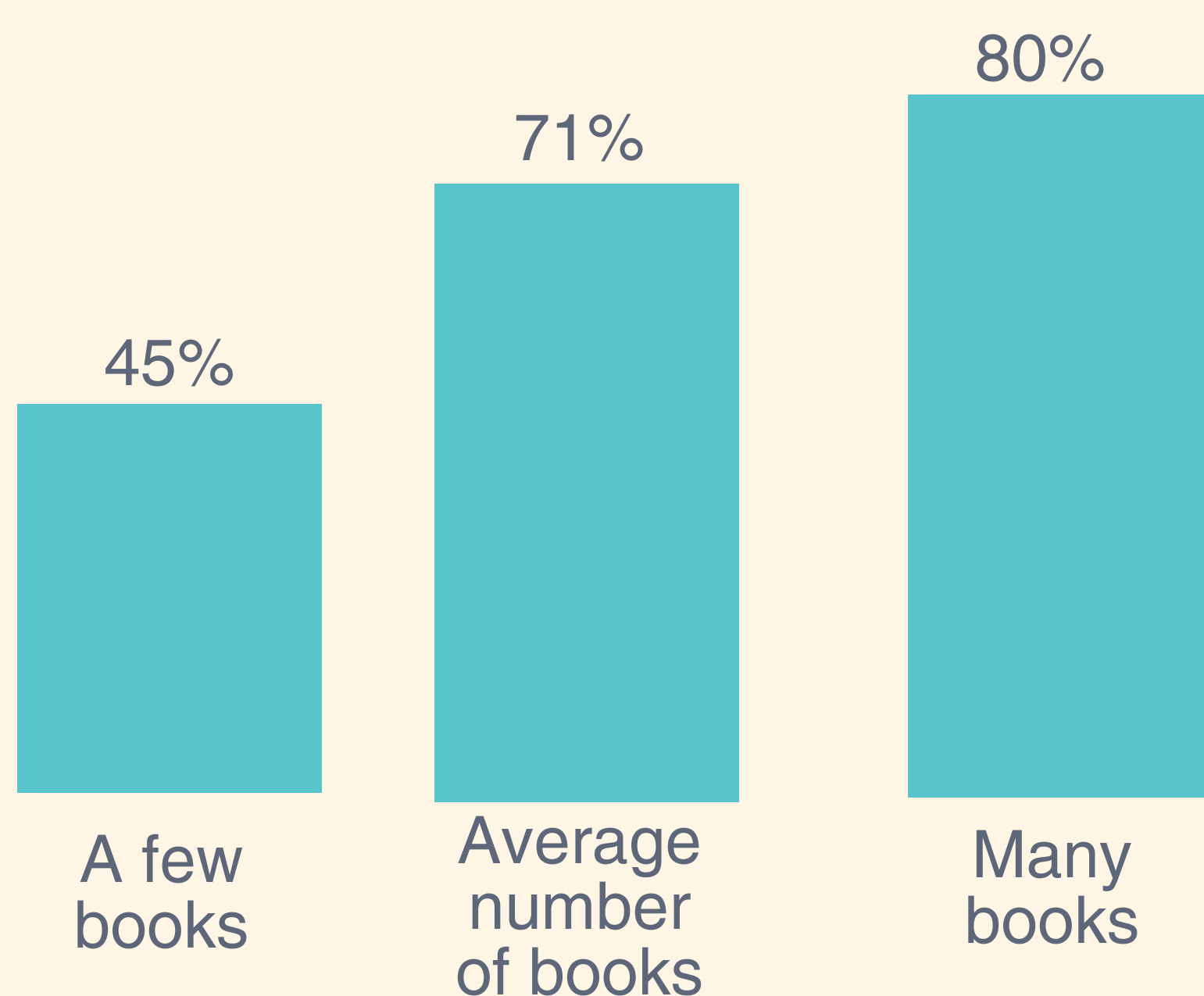
## Year 4 Science

Students at or above the proficient standard for Australia:



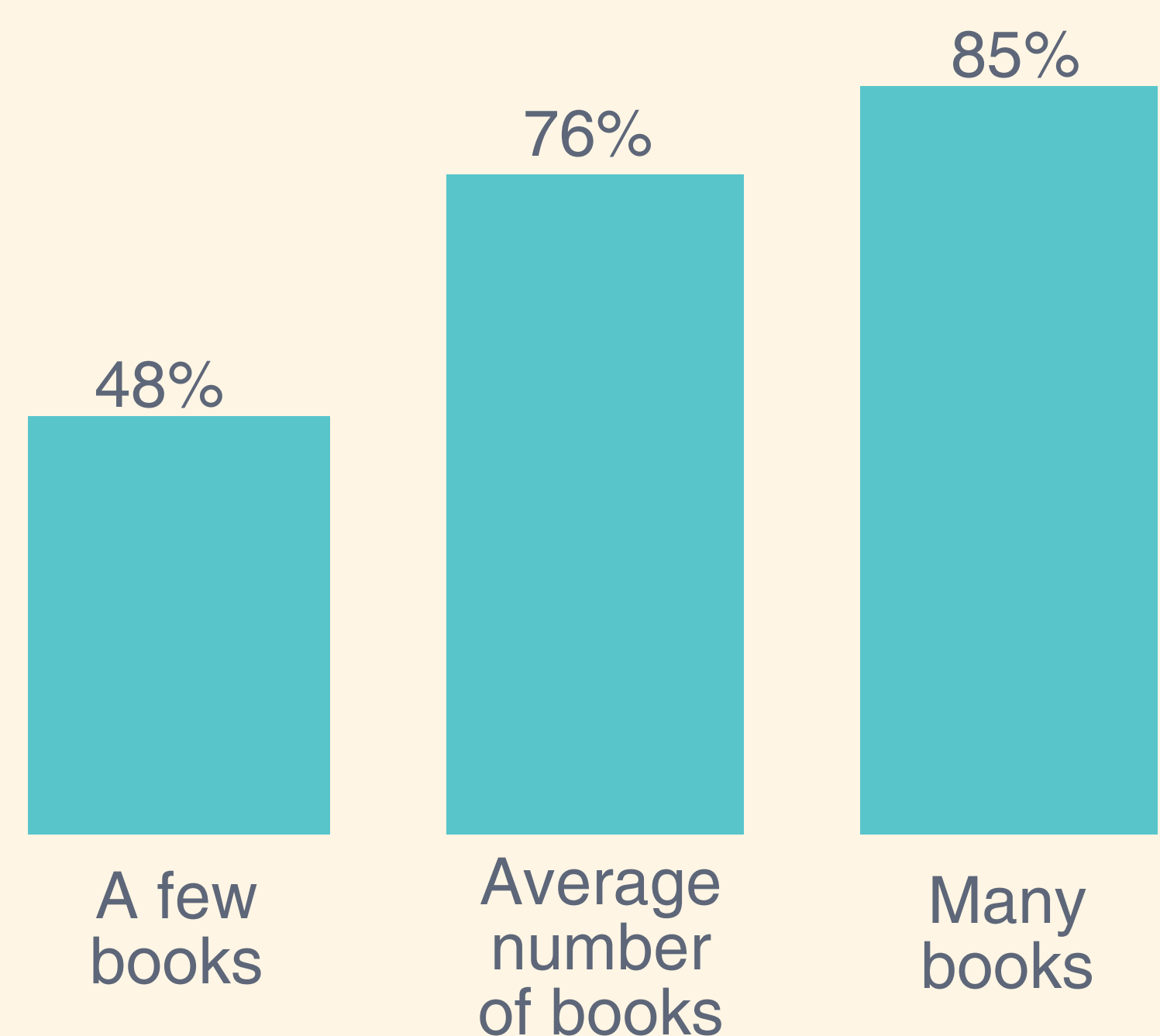
## Year 8 Maths

Students at or above the proficient standard for Australia:



## Year 8 Science

Students at or above the proficient standard for Australia:



25 books or fewer

'A few books'



26-200 books

'An average number of books'



More than 200 books

'Many books'

## \*What is the proficient standard?

The Measurement Framework for Schooling in Australia 2015 set the proficient standard for TIMSS mathematics and science as the Intermediate international benchmark. Proficient standards represent a 'challenging but reasonable' expectation of student achievement.