

*The check digit in an ISBN is a weighted modulo 11 test.  
Why is it called this?*



**People make mistakes  
when inputting data.**

*How good is the  
weighted  
modulo 11 test at  
detecting errors?*

Experiment to find out  
which kinds of error are  
detected by this test.

Which are always detected?

Which are sometimes  
detected?

*Find an error in an ISBN  
which the computer will  
**not** detect.*

shopping around

There are different kinds of  
common error.

- a single transcription error
- a transposition error (when  
two numbers are swapped  
over)
- a double transposition error.

