

Further Challenge

Jack is thinking of a 3-digit number.

When he multiplies his number by 100,
the ten thousands and hundreds digit are
the same.

The sum of the digits is 10

What number could Jack be thinking of?

Whitney has £1,020 in her bank account.

Tommy has £120 in his bank account.

Whitney says,



I have ten times
more money than
you

Is Whitney correct? Explain your
reasoning.