Problem 8

This problem is about dividing with a remainder.

As an example of this, when 29 is divided by 6 the answer is 4 and the remainder is 5.

When a whole number x is divided by 5, the answer is y and the remainder is 4.

When x is divided by 4, the answer is v and the remainder is 1.

Can you write an equation expressing y in terms v?