Yellow challenge

Mo uses a number line to work out 7 × 34

$$10 × 7 = 70 \quad 10 × 7 = 70$$
$$4 × 7 = 28$$

0   70   140   168
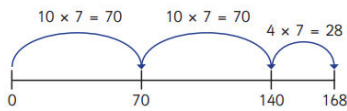
What mistake has Mo made?

Talk about it with a partner.

What should the number line look like? Draw it here.

There are 7 fields on the farm.

Each field contains 36 sheep and 22 cows.

Solve the problems below using number lines.

a) How many sheep are there? _____

_____

b) How many cows are there? _____

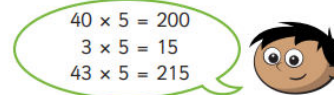_____

c) How many animals are there altogether? _____

A farmer is calculating the number of sheep on her farm.

She has 6 fields.

Each field has 35 sheep.

Use a written method to work out how many sheep there are altogether.

Amir is working out 43 × 5

$$40 × 5 = 200$$
$$3 × 5 = 15$$
$$43 × 5 = 215$$

a) Talk about Amir's method with a partner.

b) Use Amir's method to complete the multiplications.

32 × 6 = ☐   7 × 31 = ☐

8 × 42 = ☐