

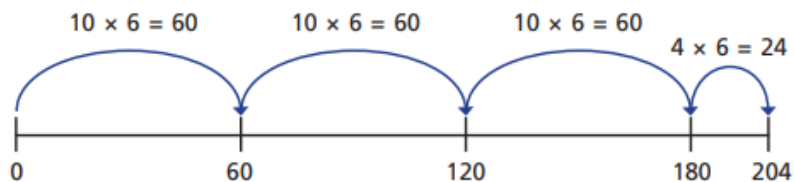
# Lesson 5: Tuesday 12th Jan

## Written Methods

Spring Term: Block 1

1

Class 4 are using number lines to solve  $6 \times 34$



a) Talk about Class 4's method with a partner.

b) Use a number line to complete the multiplications.

$$5 \times 32 = \boxed{\phantom{000}}$$



$$7 \times 32 = \boxed{\phantom{000}}$$



$$4 \times 56 = \boxed{\phantom{000}}$$



2

Amir is working out  $43 \times 5$

$$\begin{aligned} 40 \times 5 &= 200 \\ 3 \times 5 &= 15 \\ 43 \times 5 &= 215 \end{aligned}$$



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

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

$$32 \times 6 = \boxed{\phantom{000}}$$

$$7 \times 31 = \boxed{\phantom{000}}$$

$$8 \times 42 = \boxed{\phantom{000}}$$

### Challenge:

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

She has 6 fields.

Each field has 35 sheep.

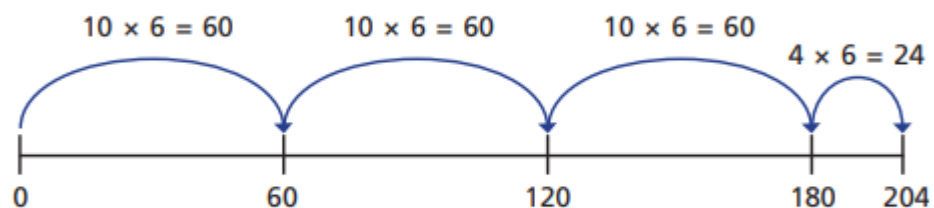
Use a written method to work out how many sheep there are altogether.

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1

## Answers – Purple Pen Only!

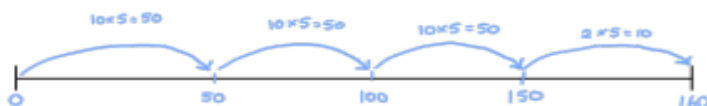
Class 4 are using number lines to solve  $6 \times 34$



a) Talk about Class 4's method with a partner.

b) Use a number line to complete the multiplications.

$$5 \times 32 = \boxed{160}$$



$$7 \times 32 = \boxed{224}$$



$$4 \times 56 = \boxed{224}$$



2

Amir is working out  $43 \times 5$

$$40 \times 5 = 200$$

$$3 \times 5 = 15$$

$$43 \times 5 = 215$$



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

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

$$32 \times 6 = \boxed{192}$$

$$7 \times 31 = \boxed{217}$$

$$8 \times 42 = \boxed{336}$$

### Challenge:

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.

$$\boxed{210}$$