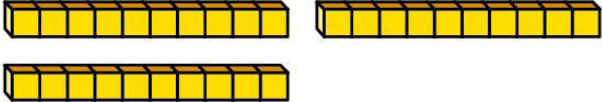

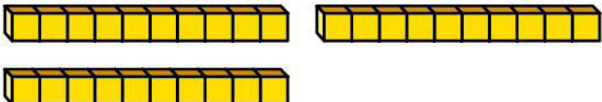

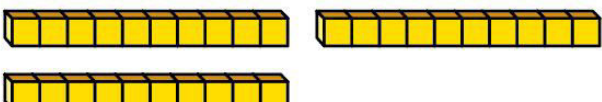



# Written methods

I Dora uses base 10 to work out  $34 \times 3$

Tens	Ones
	
	
	

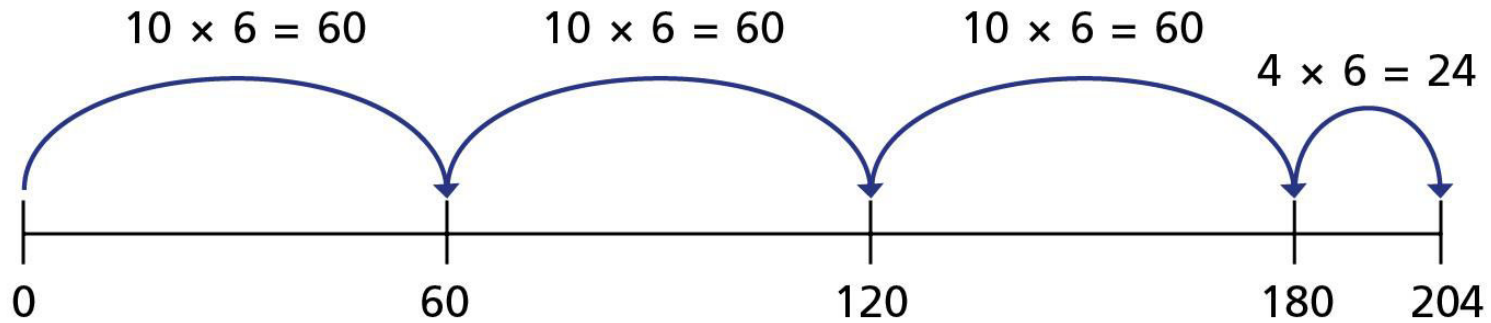
Use base 10 to work out  $3 \times 28$  and  $3 \times 36$

$$3 \times 28 = \boxed{\phantom{000}}$$

$$3 \times 36 = \boxed{\phantom{000}}$$



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



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

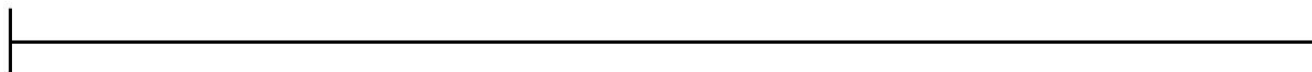




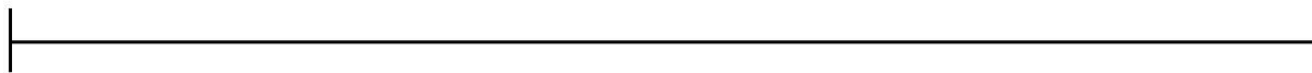
2

b) Use a number line to complete the multiplications.

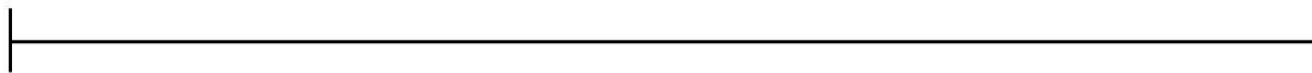
$$5 \times 32 = \square$$



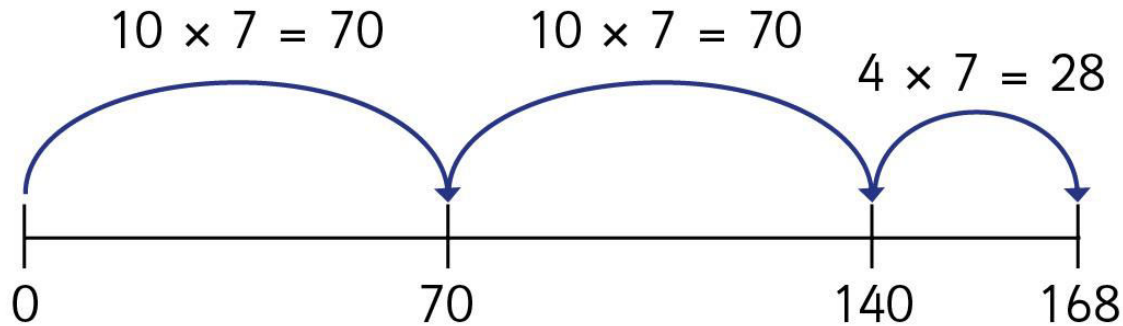
$$7 \times 32 = \square$$



$$4 \times 56 = \square$$



3 Mo uses a number line to work out  $7 \times 34$



What mistake has Mo made?

Talk about it with a partner.

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



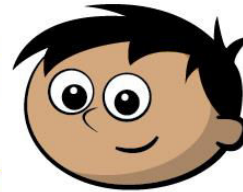
4

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.

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

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

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



5 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.

6

Here are 6 multiplications.

$4 \times 59$

$3 \times 33$

$5 \times 36$

$9 \times 32$

$7 \times 21$

$6 \times 25$

A

B

C

D

E

F

Which of the multiplications would you calculate mentally?

---

Which of the multiplications would you use a written method for?

---

Talk about your choices with a partner.



6 Complete the multiplications. Show your working where necessary.

$4 \times 59 = \boxed{\phantom{000}}$

$9 \times 32 = \boxed{\phantom{000}}$

$3 \times 33 = \boxed{\phantom{000}}$

$7 \times 21 = \boxed{\phantom{000}}$

$5 \times 36 = \boxed{\phantom{000}}$

$6 \times 25 = \boxed{\phantom{000}}$