

Written methods



- 1 Dora uses base 10 to work out 34×3

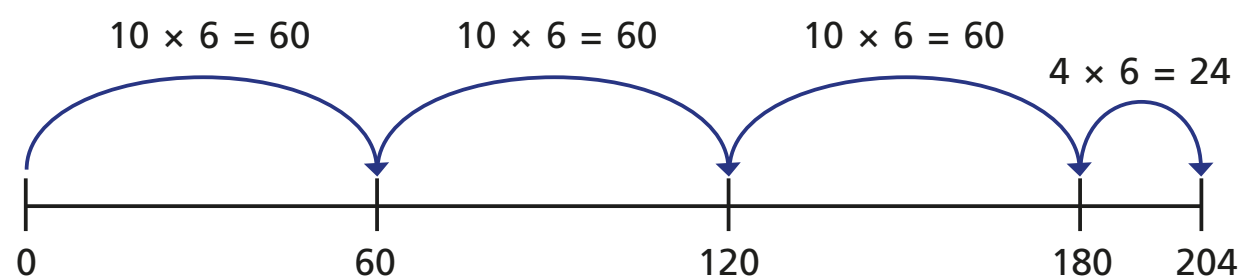
Tens	Ones
	
	
	

Use base 10 to work out 3×28 and 3×36

$$3 \times 28 = \boxed{} \quad 3 \times 36 = \boxed{}$$



- 2 Class 4 are using number lines to solve 6×34



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



- b) Use a number line to complete the multiplications.

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



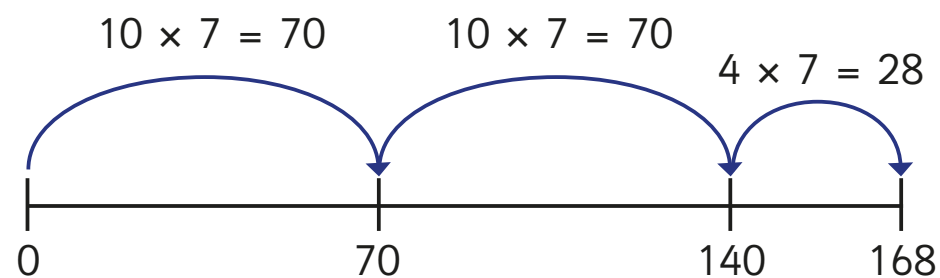
$$7 \times 32 = \boxed{}$$



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



- 3 Mo uses a number line to work out 7×34



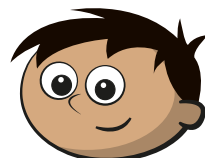
What mistake has Mo made?

Talk about it with a partner.

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

- 4 Amir is working out 43×5

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



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

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

$32 \times 6 = \boxed{}$

$7 \times 31 = \boxed{}$

$8 \times 42 = \boxed{}$

- 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.

4×59	3×33	5×36	9×32	7×21	6×25
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.

Complete the multiplications. Show your working where necessary.

$4 \times 59 = \boxed{}$

$9 \times 32 = \boxed{}$

$3 \times 33 = \boxed{}$

$7 \times 21 = \boxed{}$

$5 \times 36 = \boxed{}$

$6 \times 25 = \boxed{}$