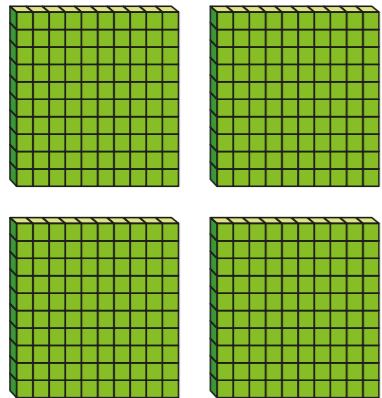


Multiply by 100

1 Use the base 10 to complete the calculations.



$$4 \times 1 \text{ hundred} = \boxed{} \text{ hundreds}$$

$$4 \times 100 = \boxed{}$$

2 Work out the multiplications.

a) $2 \times 100 = \boxed{}$

d) $5 \times 100 = \boxed{}$

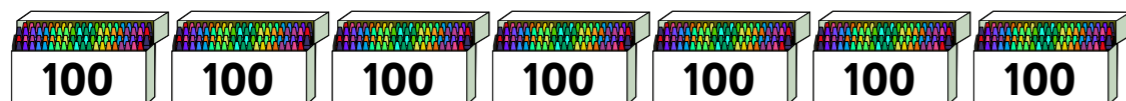
b) $4 \times 100 = \boxed{}$

e) $100 \times 10 = \boxed{}$

c) $100 \times 8 = \boxed{}$

f) $\boxed{} = 20 \times 100$

3 There are 7 boxes of 100 crayons.



Tick the calculations that work out the total number of crayons.

$100 + 7$

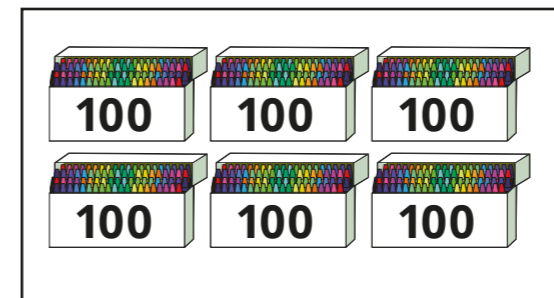
100×7

$7 + 100$

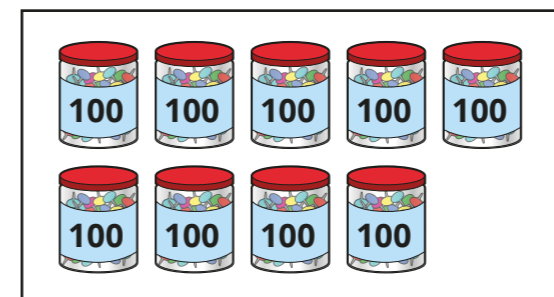
7×100

4 Match the pictures to the multiplications.

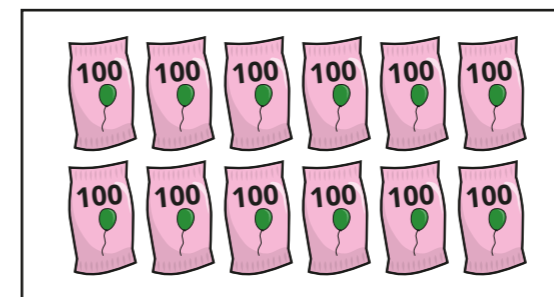
Complete the multiplications.



$$9 \times 100 = \boxed{}$$



$$6 \times 100 = \boxed{}$$



$$12 \times 100 = \boxed{}$$

5 Work out the multiplications.

a) $5 \times 1 = \boxed{}$

b) $1 \times 1 = \boxed{}$

$$5 \times 10 = \boxed{}$$

$$1 \times 10 = \boxed{}$$

$$50 \times 10 = \boxed{}$$

$$10 \times 10 = \boxed{}$$

$$5 \times 100 = \boxed{}$$

$$1 \times 100 = \boxed{}$$

What do you notice?



- 6 Max uses a place value chart to work out 14×100

Th	H	T	O
		●	●●●●

$\times 100$

Th	H	T	O
●	●●●●		

I have noticed something!



$$14 \times 100 = 1,400$$

What has Max noticed?

- 7 Complete the calculations.

a) $32 \times 100 =$

d) $5 \times 7 \times 100 =$

b) $29 \times 100 =$

e) $\times 100 = 6,500$

c) $100 \times 72 =$

f) $100 \times$ $= 3,000$

- 8 Write $<$, $>$ or $=$ to compare the multiplications.

a) 45×100 45×10 c) 100×27 26×100

b) 36×100 100×36 d) 30×10 3×100

- 9 Kim thinks of a 2-digit even number.

She multiplies it by 100

Her answer is greater than 3,450 but less than 3,750

What number could Kim be thinking of?

- 10 Four children are using base 10 to make numbers.

The table shows how many of each piece they use.

	Number of 100s	Number of 10s
Eva	17	0
Ron	15	8
Dexter	16	15
Whitney		

- a) What number has Eva made?

- b) Who has made the greatest number?

- c) Whitney has made the same number as Eva.

She used hundreds and tens.

What pieces could Whitney have used?

Write your answer in the table.

Are there any other answers? Talk about it with a partner.