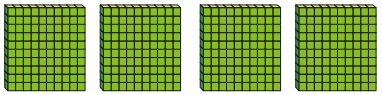
Multiply by 100

1 Use the base 10 to complete the calculations.



4 × 1 hundred = ☐ hundreds

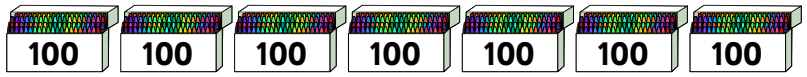
4 × 100 = ☐

2 Work out the multiplications.

a) 2 × 100 **c)** 100 × 8 **e)** 100 × 10

b) 4 × 100 **d)** 5 × 100 **f)** 20 × 100

3 There are 7 boxes of 100 crayons.

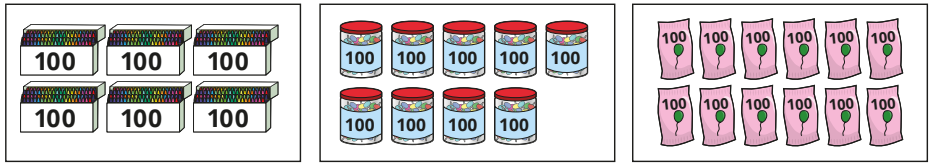


Which calculation works out the total number of crayons?

100 + 7 | 100 × 7 | 7 + 100 | 7 × 100

4 Match the pictures to the multiplications.

Work out the multiplications.



9 × 100 | 6 × 100 | 12 × 100

5 Work out the multiplications.

a) 5 × 1 **b)** 1 × 1

5 × 10 1 × 10

50 × 10 10 × 10

5 × 100 1 × 100

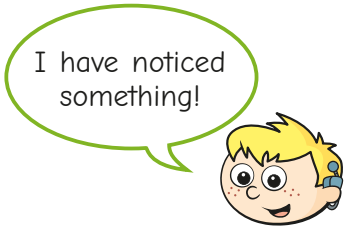
What do you notice?

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

Th	H	T	O
		●	●●

× 100

Th	H	T	O
●	●●		



14 × 100 = 1,400

What has Max noticed?

7 Complete the calculations.

a) 32 × 100 = ☐

b) 29 × 100 = ☐

c) 100 × 72 = ☐

d) 5 × 7 × 100 = ☐

e) ☐ × 100 = 6,500

f) 100 × ☐ = 3,000

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5 Work out the multiplications.

a) 5 × 1

5 × 10

50 × 10

5 × 100

b) 1 × 1

1 × 10

10 × 10

1 × 100

What do you notice?

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

Th	H	T	O
		●	● ● ● ●

× 100

Th	H	T	O
●	● ● ● ●		

14 × 100 = 1,400

What has Max noticed?

7 Complete the calculations.

a) 32 × 100 = ☐

b) 29 × 100 = ☐

c) 100 × 72 = ☐

d) 5 × 7 × 100 = ☐

e) ☐ × 100 = 6,500

f) 100 × ☐ = 3,000

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

a) 45 × 100 ◯ 45 × 10

b) 36 × 100 ◯ 100 × 36

c) 100 × 27 ◯ 26 × 100

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.

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