Divide by 100

1 Use the ten frame and place value counters to complete the sentences.

100	100	100	100	100
100	100	100	100	100
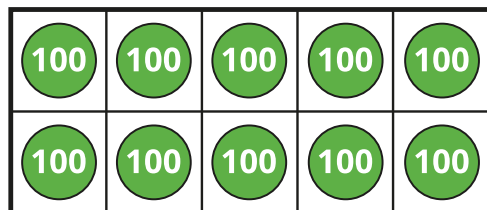
There are ☐ hundreds in 1,000

1,000 = ☐ hundreds

1,000 ÷ 100 = ☐

2 There are 400 pins altogether.

The pins are packed in jars of 100

How many jars are there?

100

☐

3 Complete the divisions.

a) 700 ÷ 100 = ☐

d) 7,000 ÷ 100 = ☐
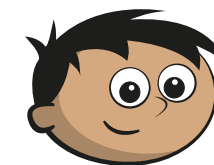
b) 800 ÷ 100 = ☐

e) 8,000 ÷ 100 = ☐

c) 200 ÷ 100 = ☐

f) ☐ = 2,000 ÷ 100

4 Amir is using base 10 to work out 2,300 ÷ 100
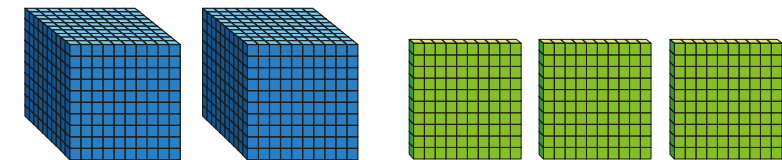
a)

I am going to exchange my thousands for hundreds.

Why is Amir going to do this?

b) Complete the sentences.

2,300 = 2 thousands + ☐ hundreds

1 thousand = ☐ hundreds

2 thousands = ☐ hundreds

Amir has ☐ hundreds altogether.

2,300 ÷ 100 = ☐

5 a) Make 3,700 using base 10

b) Use your base 10 to complete the sentences.

3,700 = 3 thousands + ☐ hundreds

3 thousands = ☐ hundreds

There are ☐ hundreds altogether.

3,700 ÷ 100 = ☐

6 One hundred 1p coins is equal to £1

a) Dexter has seven hundred 1p coins.

How many £1 coins is this equal to?

☐

b) Nijah has seven thousand 1p coins.

How many £1 coins is this equal to?

☐

c) Jack has 170 1p coins.

He says, "This is the same as £17"

Is Jack correct? _____

How do you know?

_____

_____

7 Complete the number sentences.

a) $40 \div 10 =$ ☐

$400 \div 10 =$ ☐

$400 \div 100 =$ ☐

$4{,}000 \div 100 =$ ☐

b) $80 \div 10 =$ ☐

$800 \div 10 =$ ☐

$800 \div 100 =$ ☐

$8{,}000 \div 100 =$ ☐

What patterns can you see?

8 Complete the calculations.

a) $100 \times$ ☐ $= 1{,}200$

b) $6{,}200 \div 100 =$ ☐

c) $100 \times$ ☐ $= 5{,}200$

d) ☐ $\div 100 = 35$

e) ☐ $= 35$ hundreds $\div 100$

f) $96 =$ ☐ hundreds $\div 100$

9 Eva and Tommy collect gems in a computer game.

Each gem is worth 100 points.

At the end of the game, Eva has 4,300 points and Tommy has 800 points.

How many gems did they collect in total?

☐

How did you work this out?

10 Use the digit cards to fill in the gaps.

You may use each digit card once only.

1	2	3	4	5	6

$3\_ \times 100 = \_,400$

$6,\_00 \div 100 = \_2$

$\_,500 = 10 \times \_0 \times 55$