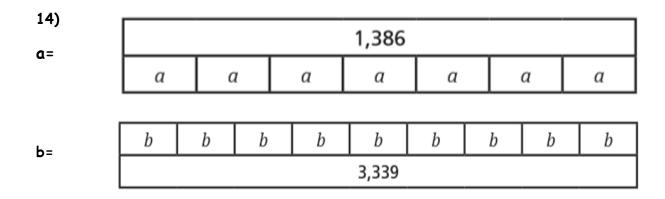## LO: To use written methods for division (bronze)

Practise Complete these calculations:
1) 7280 divided by 7
2) 4564 divided by 4
3) 6377 divided by 7
4) 8289 divided by 9
5) 5839 divided by 3
6) 2547 divided by 12
7) 6932 divided by 15
8) 4983 divided by 20

Fluency

9) Jack buys a 3 litre bottle of coke and shares it between 5 friends. How much coke do they each get?

10) Matthew brings in 1224 pens in and shares them equally between twelve friends. How many pens do they get each?

11) Ms Smith bakes 1346 cakes. Mrs John bakes another 1182 cakes. They put them into cake boxes. Each cake box holds 4 cakes. How many boxes will they need?

12) 2538 people applied to be in a T.V show audience. 14 people were invited to attend each show. How many shows did they make with full audiences and how many people were not invited?

13) Find the missing numbers. ____ x 5 = 475   3 x ____ = 726

14)

a=

1,386						
a	a	a	a	a	a	a

b=

b	b	b	b	b	b	b	b	b
3,339								

LO: To use written methods for division (silver)

Practise Complete these calculations:

1) 6377 divided by 7
2) 8291 divided by 9
3) 5839 divided by 3
4) 2547 divided by 12
5) 6932 divided by 15
6) 4983 divided by 20

Fluency

7) Jack buys a 3 litre bottle of coke and shares it between 5 friends. How much coke do they each get?

8) 2538 people applied to be in a T.V show audience. 14 people were invited to attend each show. How many shows did they make with full audiences and how many people were not invited?

Reasoning

9) Sandra divides 8541 by 8. She says "I know there will be a remainder before I start." Is she correct? Explain how you know.

10) Harry says "Without doing a written method I know 7350 divided by 7 will not have a remainder." Is he correct? Convince me.

Problem solving

11)

A bag of guinea pig food holds 2.375 kg of food.

It needs to last for 19 days.

How much food can the guinea pig have each day?

LO: To use written methods for division (gold)

Practise Complete these calculations:
1) 5839 divided by 3
2) 2547 divided by 12
3) 6932 divided by 15
4) 4983 divided by 20

Fluency

5) 2538 people applied to be in a T.V show audience. 14 people were invited to attend each show. How many shows did they make with full audiences and how many people were not invited?

Reasoning

6) Megan divides 500 by 8 and gets the answer 62 r4. She rewrites it as 62 r 1/2. Is she right? Explain your answer.

7) Harry says "Without doing a written method I know 7350 divided by 7 will not have a remainder." Is he correct? Convince me.

Problem solving

8) Using the number 4236, how many numbers up to 20 does it divide by without a remainder? Is there a pattern? What can you say about these numbers?

9) Miriam buys 19 tins of soup. All the tins cost the same price. She goes to the shop with just one note, and comes home with the tins and the change in coins. On the way home she drops the change. She looks carefully and she thinks she picks it all up. When she gets home she gives £2.23 change to her mother. Do you think that Miriam picked up all the change that she dropped?

10)

$75 = 6{,}600 \div$ ⭐

$9{,}251 \div$ 🌙 $= 29$

What is the value of ⭐ × 🌙 ?

LO: To use written methods for division (bronze) - answers

Practise Complete these calculations:
1) 1040
2) 1141
3) 911
4) 921
5) 1746 r 1
6) 212 r3
7) 462 r2
8) 249 r3

Fluency
9) 300ml or 0.3l

10) 102

11) 632

12) 181 shows 4 people not invited

13) Find the missing numbers. _95__ x 5 = 475   3 x _242___ = 726

14) a = 198

    b = 371

LO: To use written methods for division (silver) - answers

Practise Complete these calculations:
1) 911
2) 921 r2
3) 1746 r 1
4) 212 r3
5) 462 r2
6) 249 r3

Fluency
7) 300ml or 0.3l

8) 181 shows 4 people not invited

Reasoning
9) Yes because it is an odd number and because 8 is an even number it will only go fully in to an even number

10) Yes because 7 goes in to 7 and 35 giving you 1050

Problem solving
11) 125g per day

LO: To use written methods for division (gold) - answers

Practise Complete these calculations:

1) 1746 r 1
2) 212 r3
3) 462 r2
4) 249 r3

Fluency

5) 181 shows 4 people not invited

Reasoning

6) Yes because it is an odd number and because 8 is an even number it will only go fully in to an even number

7) Yes because 7 goes in to 7 and 35 giving you 1050

Problem solving

8) 1,2,3,4,6,12 – All multiples of 12

9) No because if she only used one note, when taking her change from £5, 10 20 or 50, the money spent isn't divisible by 19

10) 88 x 319 = 28,072