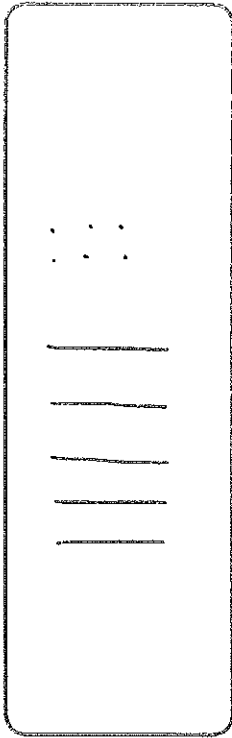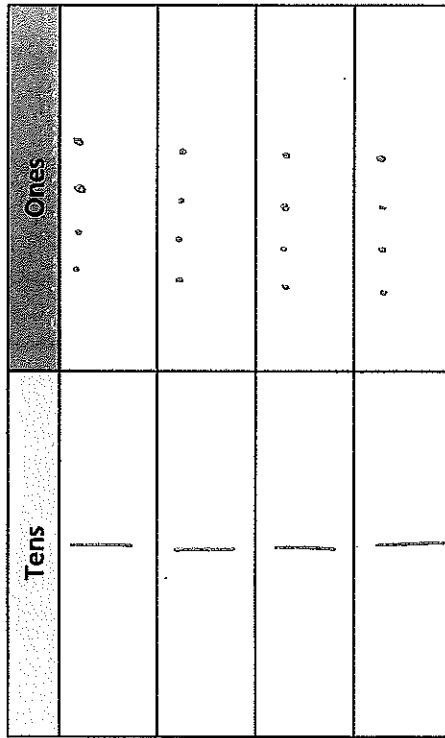# Divide 2-digits by 1-digit (2)

1. Rosie has 56 pencils.

   a) Draw base 10 to represent the pencils.

   Rosie shares the 56 pencils equally between 4 pots.

   b) Draw base 10 on the place value grid to share the pencils.

Tens	Ones

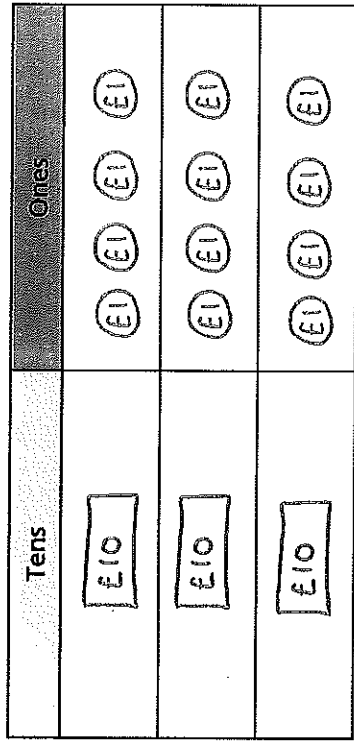   c) How many pencils are in each pot? 14

   d) Did you have to make an exchange?

2. Eva has this money.
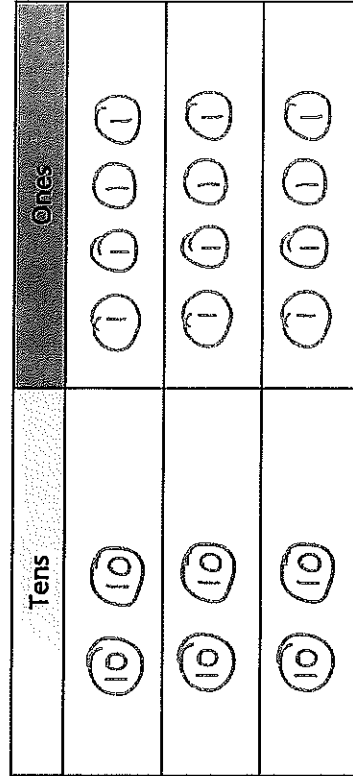
   She wants to share the money equally between 3 people.

   a) Use the place value chart to show how Eva can share the money.

Tens	Ones
£10	£1 £1 £1 £1
£10	£1 £1 £1 £1
£10	£1 £1 £1 £1

   b) How much money does each person get? £14

3. Divide 72 by 3

Tens	Ones
10 10	1 1 1 1
10 10	1 1 1 1
10 10	1 1 1 1

   Use the place value counters to help you.

   $72 \div 3 = 24$

3 Use the part-whole models to complete the divisions.

a) 48 ÷ 3 = $\boxed{16}$

30 ÷ 3 = $\boxed{10}$

18 ÷ 3 = $\boxed{6}$

48 ÷ 3 = $\boxed{16}$

b) 96 ÷ 4 = $\boxed{24}$

c) 65 ÷ 5 = $\boxed{13}$

d) 75 ÷ 3 = $\boxed{25}$

7 Here are 3 divisions.

$\boxed{96 ÷ 8}$ $\boxed{96 ÷ 4}$ $\boxed{96 ÷ 2}$

a) What is the same about the questions? What is different?

b) Complete the divisions.

96 ÷ 8 = $\boxed{12}$ 96 ÷ 4 = $\boxed{24}$ 96 ÷ 2 = $\boxed{48}$

c) What do you notice? Talk about it with a partner.

4 Use base 10 or counters to work out the divisions.

a) 45 ÷ 3 = $\boxed{15}$

b) 57 ÷ 3 = $\boxed{19}$

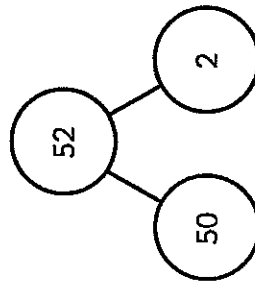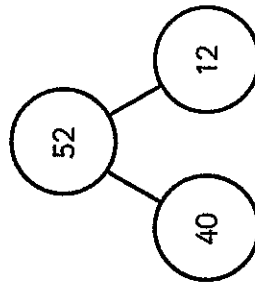c) 92 ÷ 4 = $\boxed{23}$
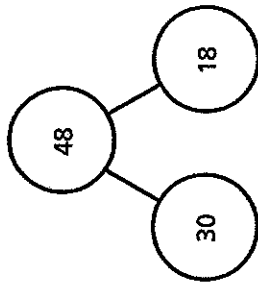
5 Rosie and Tommy are working out 52 ÷ 4

They both use a part-whole model.

Rosie

Tommy

a) Whose part-whole model will help them with the division?

Tommy

How do you know?

40 and 12 are both divisible by 4

b) Use a part-whole model to work out 52 ÷ 4

$\boxed{13}$