Divide 2 Digits by 1 Digit 3

1. Write the division shown on the place value chart below.

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

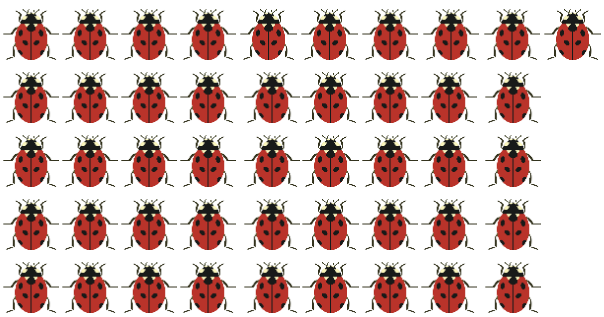
1 1

☐ ÷ ☐ = ☐ r ☐

VF

2. Put the ladybirds into four equal groups to solve the calculation below.

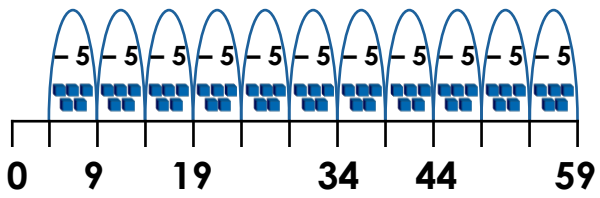
46 ÷ 4



How many ladybirds are left over?

VF

3. Complete the division below using information on the number line.



☐ ÷ ☐ = ☐ r ☐

VF

4. Isabelle has solved the calculation below.

65 ÷ 4 = 15 r5

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

1 1 1 1 1

Is she correct? Explain your answer.

R

5. Mr Hanson is stacking chairs into equal groups. Some chairs will be left over.

He says,

I have 51 chairs to stack. There is only one way of stacking the chairs so there are some left over.

Is he correct? Explain your answer.

R

6. Use the digit cards below to create a division with a remainder.

1	70	17	2
71	52	23	53

☐ ÷ 3 = ☐ r ☐

Find 3 possible answers.

PS

Divide 2 Digits by 1 Digit 3

1. 98 ÷ 4 = 24 r2
2. 46 ÷ 4 = 11 r2
3. 59 ÷ 5 = 11 r4
4. Isabelle is incorrect because the remainder is larger than the divisor. The remainder 5 can still be divided by 4. 65 ÷ 4 = 16 r1.
5. Mr Hanson is incorrect. There are multiple ways he can stack the chairs where there will be some left over. For example, he could stack them in groups of 8 because 51 ÷ 8 = 6 r3 or he could stack them in groups of 10 because 51 ÷ 10 = 5 r1.
6. Various answers, for example: 71 ÷ 3 = 23 r2, 70 ÷ 3 = 23 r1, 53 ÷ 3 = 17 r2 and 52 ÷ 3 = 17 r1.