Divide 2-digits by 1-digit (2)

1 Whitney is working out 49 ÷ 4 using a place value chart.

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

1

a) Talk about Whitney's method with a partner.

b) Why is there one counter left over?

c) Work out the division.

d) Use place value counters to work out the divisions.

50 ÷ 4 51 ÷ 4

What do you notice?

2 Work out the divisions.

a) 47 ÷ 3 **d)** 32 ÷ 5 **g)** 74 ÷ 3

b) 26 ÷ 5 **e)** 49 ÷ 6 **h)** 81 ÷ 7

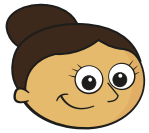
c) 89 ÷ 4 **f)** 47 ÷ 4

3 Work out the divisions.

a)	**b)**	**c)**	**d)**
36 ÷ 4	70 ÷ 5	45 ÷ 3	92 ÷ 4
37 ÷ 4	71 ÷ 5	46 ÷ 3	91 ÷ 4
38 ÷ 4	72 ÷ 5	47 ÷ 3	90 ÷ 4
39 ÷ 4	73 ÷ 5	48 ÷ 3	89 ÷ 4
40 ÷ 4	74 ÷ 5	49 ÷ 3	88 ÷ 4

4 Dora has been working out some divisions.

72 ÷ 4 = 18
73 ÷ 4 = 18 r1
74 ÷ 4 = 18 r2
75 ÷ 4 = 18 r3



I know without working it out that 76 ÷ 4 must be 18 r4

a) Why does Dora think this?

b) Explain why Dora is wrong.

5 Eggs come in boxes of 6

Annie has 75 eggs.

She wants to know how many boxes she can fill.

a) Complete the division to work it out.

☐ ÷ ☐ = ☐ r ☐

b) What does the remainder represent?
Talk about it with a partner.

c) Complete the sentence.

Annie can fill ☐ boxes with ☐ eggs left over.

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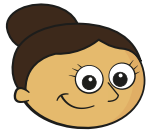

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6 Jack has these bulbs.


Daffodils 49


Tulips 63


Crocuses 98

Equal numbers of each bulb are put into 4 tubs.

How many of each bulb will be in each tub?

How many of each bulb will be left over?

How many tubs could Jack use so that there are no bulbs left over?