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) Complete the division.

49 ÷ 4 = ☐

d) Use place value counters to complete the divisions.

50 ÷ 4 = ☐   51 ÷ 4 = ☐

What do you notice?

2 Complete the divisions.

a) 47 ÷ 3 = ☐   e) 49 ÷ 6 = ☐

b) 26 ÷ 5 = ☐   f) 47 ÷ 4 = ☐

c) 89 ÷ 4 = ☐   g) 74 ÷ 3 = ☐

d) 32 ÷ 5 = ☐   h) 81 ÷ 7 = ☐

3 Complete the divisions.

a) 36 ÷ 4 = ☐   c) 45 ÷ 3 = ☐

37 ÷ 4 = ☐   46 ÷ 3 = ☐

38 ÷ 4 = ☐   47 ÷ 3 = ☐

39 ÷ 4 = ☐   48 ÷ 3 = ☐

40 ÷ 4 = ☐   49 ÷ 3 = ☐

b) 70 ÷ 5 = ☐   d) 92 ÷ 4 = ☐

71 ÷ 5 = ☐   91 ÷ 4 = ☐

72 ÷ 5 = ☐   90 ÷ 4 = ☐

73 ÷ 5 = ☐   89 ÷ 4 = ☐

74 ÷ 5 = ☐   88 ÷ 4 = ☐

4 Dora has been working out some divisions.

$72 \div 4 = 18$
$73 \div 4 = 18 \text{ r}1$
$74 \div 4 = 18 \text{ r}2$
$75 \div 4 = 18 \text{ r}3$

I know without working it out that $76 \div 4$ 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.

$\boxed{} \div \boxed{} = \boxed{} \text{ r} \boxed{}$

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

c) Complete the sentence.

Annie can fill $\boxed{}$ boxes with $\boxed{}$ eggs left over.

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?

Daffodils $\boxed{}$ Tulips $\boxed{}$ Crocuses $\boxed{}$

How many of each bulb will be left over?

Daffodils $\boxed{}$ Tulips $\boxed{}$ Crocuses $\boxed{}$

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