

Divide 2-digits by 1-digit (2)

- 1 Whitney is working out $49 \div 4$ using a place value chart.

Tens	Ones
	 
	 
	 
	 

1

- a) Talk about Whitney's method with a partner.
b) Why is there one counter left over?

- c) Complete the division.

$$49 \div 4 = \boxed{}$$

- d) Use place value counters to complete the divisions.

$$50 \div 4 = \boxed{}$$

$$51 \div 4 = \boxed{}$$

What do you notice?

- 2 Complete the divisions.

a) $47 \div 3 = \boxed{}$

b) $26 \div 5 = \boxed{}$

c) $89 \div 4 = \boxed{}$

d) $32 \div 5 = \boxed{}$

e) $49 \div 6 = \boxed{}$

f) $47 \div 4 = \boxed{}$

g) $74 \div 3 = \boxed{}$

h) $81 \div 7 = \boxed{}$

- 3 Complete the divisions.

a) $36 \div 4 = \boxed{}$

$$37 \div 4 = \boxed{}$$

$$38 \div 4 = \boxed{}$$

$$39 \div 4 = \boxed{}$$

$$40 \div 4 = \boxed{}$$

c) $45 \div 3 = \boxed{}$

$$46 \div 3 = \boxed{}$$

$$47 \div 3 = \boxed{}$$

$$48 \div 3 = \boxed{}$$

$$49 \div 3 = \boxed{}$$

b) $70 \div 5 = \boxed{}$

$$71 \div 5 = \boxed{}$$

$$72 \div 5 = \boxed{}$$

$$73 \div 5 = \boxed{}$$

$$74 \div 5 = \boxed{}$$

d) $92 \div 4 = \boxed{}$

$$91 \div 4 = \boxed{}$$

$$90 \div 4 = \boxed{}$$

$$89 \div 4 = \boxed{}$$

$$88 \div 4 = \boxed{}$$

Use a part-whole model or place value chart.

Think about the pattern

Be careful- What are you dividing by?

- 4 Dora has been working out some divisions.

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



I know without working it out that $76 \div 4$ must be $18 \text{ r}4$

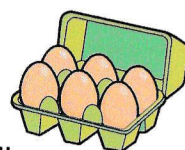
- a) Why does Dora think this?

- 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.

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

- b) What does the remainder represent?




Talk about it with a partner.

- c) Complete the sentence.

Annie can fill boxes with eggs left over.

Challenge

- 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?

Think about what they need to be divided by.

Daffodils Tulips Crocuses

How many of each bulb will be left over?

Daffodils Tulips Crocuses

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