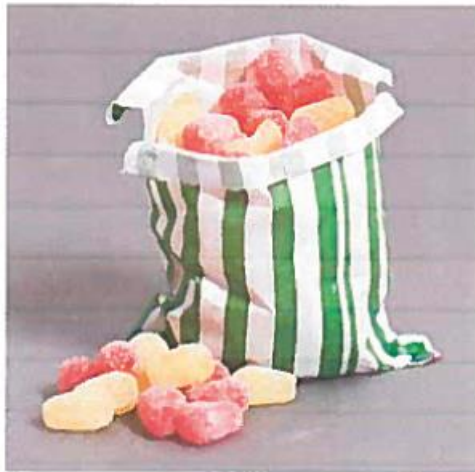


Alena: Foundation Phase

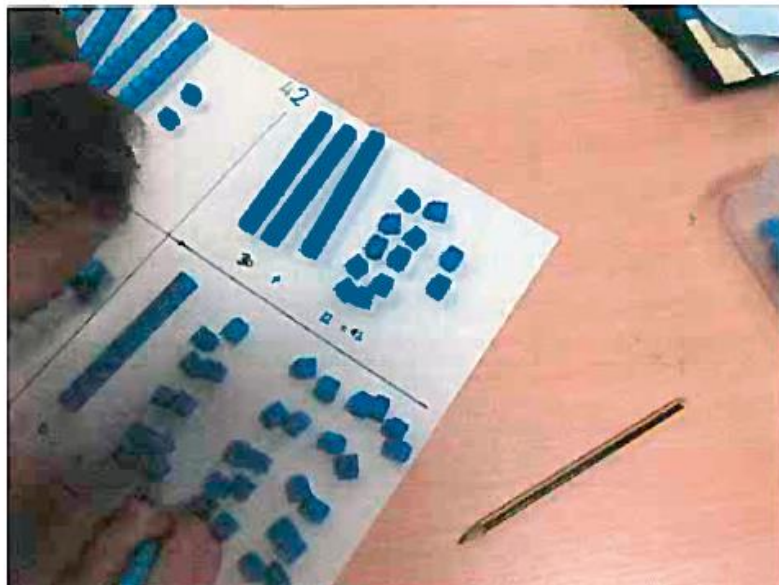


The bag of sweets costs 45p

How many different ways can you find to pay for the sweets, using **only** silver coins?

$$\begin{aligned}10p + 10p + 10p + 10p + 5p &= 45p \\20p + 20p + 5p &= 45p \\5p + 5p + 5p + 5p + 5p + 5p + 5p + 5p + 5p &= 45p \\10p + 10p + 20p + 5p &= 45p \\10p + 10p + 5p + 5p + 5p + 5p + 5p &= 45p \\10p + 10p + 10p + 5p + 5p + 5p &= 45p \\10p + 20p + 5p + 5p + 5p &= 45p \\20p + 5p + 5p + 5p + 5p + 5p &= 45p \\10p + 5p + 5p + 5p + 5p + 5p + 5p + 5p &= 45p\end{aligned}$$

Following work on place value, the pupils were asked to show their understanding by partitioning two-digit numbers in different ways, with a range of apparatus available to show their understanding. The pupils were asked to select a two-digit number from the middle of the table and to partition it in different ways, using apparatus. Alena chose the base ten equipment and the photographs show her work



Alena worked independently and quickly became systematic in her use of the apparatus, by positioning the ones in a recognisable pattern of ten. When asked about this, Alena said that it made it easier to count and she explained that she was taking one ten away each time and putting ten ones down instead.

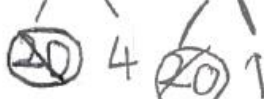
Can I add?

$$50 + 26 = 76$$



✓

$$24 + 21 = 45$$



✓

$$32 + 40 = 72$$



✓

$$41 + 12 = 53$$



✓

$$32 + 22 = 54$$



✓

$$16 + 21 = 37$$



✓

$$45 + 21 = 66$$



✓

$$25 + 33 = 58$$



✓

Can I subtract 2 digit numbers?



$$94 - 12 = 82 \checkmark$$



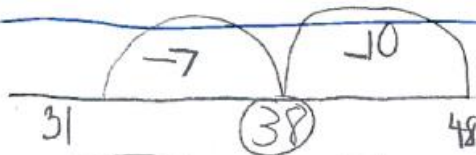
$$87 - 15 = 72 \checkmark$$



$$52 - 11 = 41 \checkmark$$



$$86 - 13 = 73 \checkmark$$



$$48 - 17 = 31 \checkmark *$$



$$66 - 14 = 52 \checkmark *$$



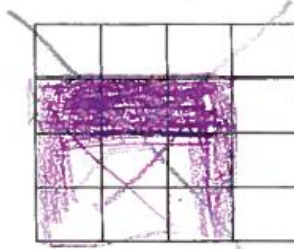
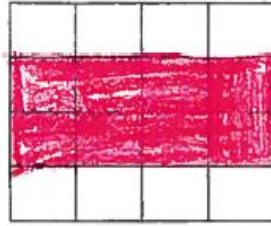
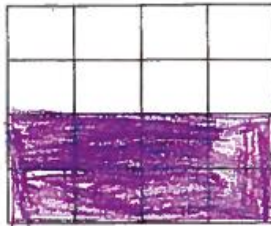
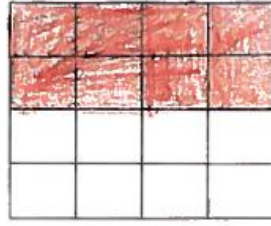
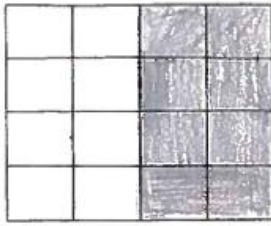
$$39 - 17 = 22 \checkmark$$



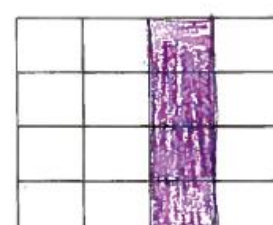
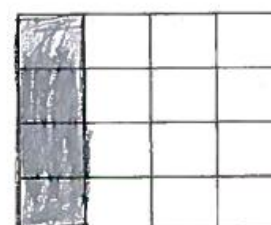
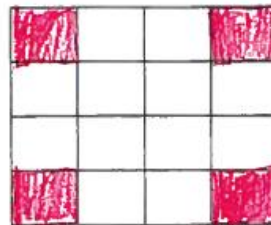
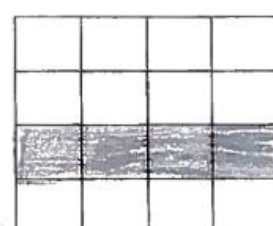
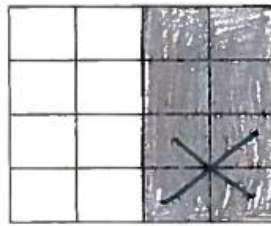
$$74 - 12 = 62 \checkmark$$

13.10.14 I am learning to understand fractions

Can you show one half of each shape in different ways?



Can you show one quarter of each shape in different ways?



Can I order everyday events?



I get up at
half past 7

①



start school at
9 o'clock

②



play out at
half past 10

③



I eat my dinner at
12 o'clock

④



I finish school at
quarter past 3

⑤



I watch TV at
4 o'clock

⑥



I have my tea at
half past 5

⑦



I go to bed at
quarter to 8

⑧

~~eat dinner~~
① get up
watch T.V.

~~have my tea~~
start school
go to bed

~~finish school~~
play out

2D Shapes

Write the name of the shape in the box next to it and then write some of its properties, using the Star Words.

Shape	Name of shape	Properties
	Rectangle ✓	- It has 4 sides. - It has 4 corners. - It has 2 short sides & 2 long sides. - It is not equal. - It is symmetrical.
	Triangle ✓	- It is equilateral. - It is symmetrical. - It has 3 corners. - It has 3 sides. - It is 2D.
	Square ✓	- It is 2D. - It is flat. - It is equal. - It is symmetrical. - It has 4 sides. - It has 4 corners.
	Circle ✓	- It has 1 curved side. - It is 2D. - It is symmetrical. - It is equal.
Shape	Name of shape	Properties
	Pentagon ✓	- It has 5 ~~equal~~ sides. - The pentagon is symmetrical. - It has 5 corners. - It has a blank outline.
	Hexagon ✓	- The sides are equal. - The hexagon is symmetrical. - The hexagon has 6 sides. - The hexagon has 6 corners.
	Heptagon ✓	- The heptagon has 7 sides. - The heptagon has 7 corners. - The heptagon is symmetrical.
	Oct ✓	
Shape	Name of shape	Properties
	quad relatre	- it has 4 sides - it has 4 corners - it has 2 equal sides - it is symmetrical
	pentagon	- it has 5 sides - it has 5 corners - it is symmetrical
	quad relatre	- it has 4 sides - it has 4 corners - it is not symmetrical
	hexagon	- it has 6 sides - it has 6 corners - it is not symmetrical