

Year 2 Maths Activities - Week Beginning 27.4.20.

Items price Price Rubber 20p Ruler 18p Pencil 32p Crayon 27p Pen 45p Glue 36p Choose two items. How many different amounts can you make? Choose two items. How many different amounts can you make? • I spend exactly 50p. Which two items did I buy? • I bought two of the same item and it cost me 90p. What was the item?	Items Price Rubber 20p Ruler 18p Pencil 32p Crayon 27p Pen 45p Glue 36p Choose two items. How many different amounts can you make? • I spend exactly 50p. Which two items did I buy? • I bought two of the same item and it cost me 90p. What was the item?	ItemsPriceRuler18pPencil32pCrayon27pPen45pGlue36pWhat is the closestvalue age to 65pChoose two items.How many different amounts can you make?• I spend exactly 50p. Which two items did I buy?• I bought two of the same item and it cost me 90p. What was the item?• I bought two of the same item and it cost me 90p. What was the item?	Activities Here is	s a price list	
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Activity 2	Learning Objective: I can fin Success Criteria: - I can use my knowledg	d the difference betw e of subtraction.	veen two amounts.
	- I can use a written me	thod to answer a ques	tion.
	Ensure children understand th 'how much'.	ne vocabulary of 'more	', 'less', 'difference' and
	A packet of sweets co	sts 25p. 🧱	
	A chocolate bar costs	48p	
	Which costs more?		
	Which costs less?		
	Show how to work out the dift the larger amount. The differ 23p. The chocolate costs 23p chocolate.	ference by subtracting ence between the swe more. The sweets cos	g the smaller amount from ets and the chocolate is t 23p less than the
	We don't do the column metho the tens and ones. The tens ar	od for subtraction in Y re shown as lines and c	ear 2. Instead, we draw ones are shown as dots.
	First we draw our little table a larger number.	and draw the tens and	ones to represent the
	We then subtract the ones fir away (in this case 5). We repe away (in this case 2 tens, or 2 the spaces below (so, 2 tens o ones together (so 20 + 3 = 23)	rst by crossing out the at by crossing out the 0). We write how many r 20 and 3 ones). Fina).	e number we need to take tens that we need to take y tens and ones are left in ly, we add our tens and
	taken away, but I wasn't sure instead.	how to show this, so I	have changed the colour
	Tens	Ones	
		•••	
		• •	
	20	3	
	So, the difference between 2	5p and 48p is 23p. We	have used subtraction to
	Tina the aitterence between t	ne two amounts.	







Again, in this example below, children could use their tens and ones, but they are taught that 25 is half of 50 as a number fact, so they hopefully would see that they will get 25p change, as the price of the item is half of the amount they started with.



In the next example, again, children might have their own way of working out the difference between 65 and 100. They could count on from 65 to 100 in 5s. They could use a 100 square to find out (by highlighting 65 and counting how many more to get to 100. They should see that one whole line is ten so they don't have to count in ones). They may have other methods of their own (we want children to be efficient when calculating, but we can also give them written methods to fall back on).

Alternatively, we could use yesterday's method (see below).

£1 = 100p

£2 = 200p

£5 = 500p

He pays with a £1 coin. How much change will he receive?

Freddie spends 65p in the shop.





Activity 4	Learning Objective: I can use my knowledge of fractions to help me
	tackle money problems.
	Success Criteria:
	- I can use my knowledge of fractions
	- I can explain my reasoning.
	Activity - Would you rather
	Answer the question and explain your reasons.
	Key words
	because greater than less than
	Would you rather have
	$\frac{1}{4}$ of £20 or $\frac{1}{2}$ of £8
	$\frac{1}{2}$ of £1 or $\frac{1}{4}$ of £2
	1/3 of £15 or 2/4 of £16
	$\frac{3}{4}$ of £40 or $\frac{1}{2}$ of £70
	$\frac{1}{2}$ of 50p or $\frac{1}{4}$ of 20p
	Guidance Children have been taught to calculate fractions by sharing. So, in the first example, they would look at the bottom number in the fraction first (the denominator), to see how many groups they need to share into (4). They would draw 4 circles, then share the 20 between them. They know that the top number in the fraction tells us how many of those 4 groups we are interested in, so in this example we only want to know how many are in one group.
	Children may not need to draw the groups at all. They may be able to use their multiplication and division facts instead, so they may know that 20 divided by 4 equals 5, so \pm 5.00.

Activity 5	Learning Objective: I can solve problems involving money.
	Success Criteria:
	 I can use my knowledge of money.
	 I can use my knowledge of addition and subtraction.
	- I can explain my reasoning.
	Activity
	Please see the Addition and Subtraction with Change Challenge Cards.
	Children should need to use all of their knowledge about adding and subtracting money in order to complete these. They may need to use written methods to support some of their calculations. Alternatively, they might be able to work out some of the answers mentally. If calculating mentally, can they explain how they did it? As an extra challenge, can they write sentences to explain how they solved the problems, step by step?