



This week our concept is **measurement** - we're focusing on **Money**.

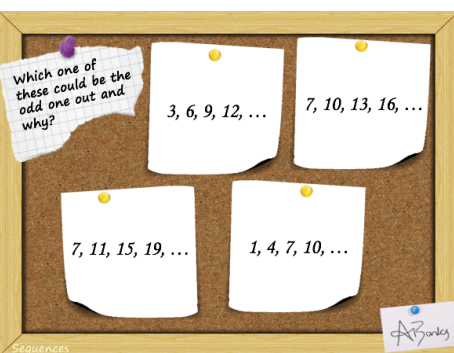
Have a go of some of the warm ups, read about the concept, and then try some of the different questions and problems! I've added some resources which may help!

Miss Ellison & Miss Gibson

Warm Ups!

Beat SIRI! - 6, 7 and 12 times table.

The answer is... 8451. What is the question?



Number of the day: 15.341

- Write it in words.
- Even or odd?
- Place value grid it.
- Draw it.
- Partition it.
- 10 more?
- 10 less?
- 100 more?
- 100 less?
- Write 2 equations to get this as the answer.

Times Table Bingo - 3 and 8 times table. Put multiples in the bingo grid, say a question in the times table, mark off if they have it.

Adding Decimals

Use column method. Always remember to check the numbers are in the correct place value column.

$$\begin{array}{r} 1.75 \\ + 6.36 \\ \hline 8.11 \end{array}$$

Subtracting Decimals

Use column method. Always remember to check the numbers are in the correct place value column. If one number does not have decimals, add zeros so the numbers are the same length. E.g. 20 would become 20.00

Tens	Ones	Decimal point	Tenths	Hundredths
2	3	.	6	0
-	1	.	0	5
1	3	.	0	6

Remember you cannot exchange straight from the ones to the hundredths column - you must go via the tenths.

Money



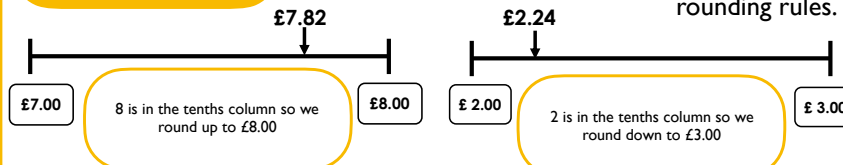
Week 7 - Food, Glorious Food

Remember the rounding rules

- 1,2,3,4 round down
- 5,6,7,8,9 round up

Rounding for estimation

When rounding money to the nearest pound focus on the tenths column and follow the rounding rules.



Estimation is useful when spending money so you can keep a track of how much money you are likely to spend.

I went shopping and bought a t-shirt for £12.45; a pair of trousers for £23.65; and a coat for £45.50. Approximately how much did you spend? **£82**

£12.45 rounds down to £12. £23.65 rounds up to £24. £45.50 rounds up to £46. Add the rounded numbers together. 12 + 24 + 46 = 82

A few reminders...

British Money

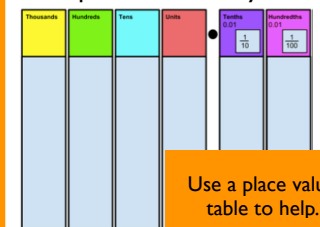


£1 = 100p

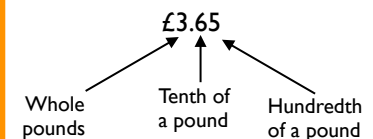
To convert from pounds to pence multiply by 100.

100 p = £1

To convert from pence to pounds divide by 100



Decimals are important when thinking about money.



Multiplying Decimals

- Write the numbers above each other in the correct columns
- Multiply the hundredth digit in the decimal number by the one digit number.
- Multiply the tenth digit in the decimal number by the one digit number and add the carried number.
- Multiply the ones digit in the decimal number by the one digit number and add the carried number.



Write the amount.

How many whole pounds are there?

How many tenths of a pound?

How many hundredth of a pound?



Write the amount.

How many whole pounds are there?

How many tenths of a pound?

How many hundredth of a pound?

True or false? The statement below is correct.

Six thousand, four hundred and 32p £64.32

Write, Order and Compare

Use >, < and = to compare these amounts.

1,425p 1,452p

£43.21 £42.31

3,672p £32.67

£28.34 £2,834

How many ways can you make this statement true?

6 2 8 4

Use the digit cards below.

£6.48 > .

Robert has been saving 50p and 10p coins. He has more than £25.90 but less than £26.30.



Order these amounts from the smallest to the largest.

2,567p

7,256p

2,765p

Five thousand six hundred and 72p

Which amount would complete the sequence? (Think about how much that amount increases each time)

£21.54

£17.32

£15.29

Twenty pounds and 10p

Sixteen pounds and 20p

Thirteen pounds and 43p

Who has the most money? Explain why.



Olly

I have three £10 notes, four £5 notes and three 50p coins.

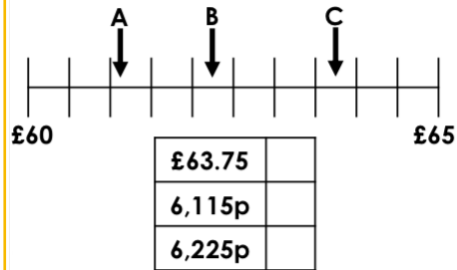
I have one £20 notes, seven £5 notes and two 50p coins.



Annie

Rounding to Estimate

Match the amounts to the letters on the number lines.



Match the items to the rounded totals.

A	£23.57	+	1,717p	£41.00
B	£18.35	+	2,989p	£44.00
C	2,148p	+	2,276p	£48.00

Kai buys a skateboard which costs 2,865p, a helmet which costs £18.45 and knee pads which cost 1566p. Which whole pound does each amount round to?

He has £70.00. How much change will he receive approximately?

Zayaan has these digit cards:



Find all the amounts he can make which round to £35.00

Isadora has these digit cards:



Find all the amounts he can make which round to £260.00

Amanda wants to buy a pair of shoes which cost £37.57, a bag which costs 1,122p and a hat which costs 1278p. Which whole pound does each amount round to?

She has £68.00. How much change will he receive approximately?

Add

- 1) £37 + £123.45
- 2) £456.99 + £67.89
- 3) £1874 + £987.54
- 4) £23,456.87 + £11,234.32

Subtract

- 1) £371.56 - £23.45
- 2) £431.99 - £367.89
- 3) £1804.32 - £987.54
- 4) £37,406.73 - £10,234.92

Multiply

- 1) £34.55 × 4
- 2) £67.11 × 5
- 3) £127.75 × 3
- 4) £324.18 × 6

Henry and Penny love hosting parties. They need 150 balloons for their next party. Penny thinks she will save £2 by buying the balloons in packs of 50. Do you agree? Explain your answer.

50 balloons in a pack. £3.99

100 balloons in a pack. £6.99



20 balloons in a pack. £1.99
BUY 1 GET 1 FREE

Look at the amounts below. How many different combinations make £20.

£16.92	£19.57	£17.71	£10.04
115p	£14.38	£16.25	£4.61
79p	£3.39	308p	£9.96
£3.75	43p	£8.85	562p

Apples



£0.45

Oranges



25p

John buys seven apples and twelve oranges. He pays with four £2 coins.

How much change will he receive?