

YR4 Knowledge Organiser - Money

Key Concepts

- Build on understanding of place value and decimal notation to record money
- Estimate, compare and calculate money in pounds and pence

Key Vocabulary

- pounds / pence
- coins / notes
- value
- amount
- total
- change
- estimate
- convert
- compare / order



Decimal Notation

We build upon our understanding of pounds and pence to begin using decimal notation for money. Pounds come before the decimal point and pence come after the decimal point. Our knowledge of tenths and hundredths can help us.

$$£13 \text{ and } 81\text{p} = £13.81$$

$$£57 \text{ and } 6\text{p} = £57.06$$

10p is one tenth of £1 and 1p is one hundredth of £1

Comparing Money

We know that £1 = 100p so we can convert between pounds and pence.



$$20\text{p} = £2 \text{ so } 298\text{p} = £2.98$$



$$£8 = 800\text{p} \text{ so } £8.36 = 836\text{p}$$

These conversions help us to compare different amounts of money.

$$£7.49 > 726\text{p}$$

$$358\text{p} < £3.62$$

Ordering Money

Once we can compare money, we can order amounts in ascending and descending order.

$$\underline{1,307\text{p} \quad £15.46 \quad £20.18 \quad 2,670\text{p} \quad £34.95}$$

(ascending order) →

$$\underline{£52.04 \quad 4,987\text{p} \quad 4,094\text{p} \quad £35.81 \quad 1,972\text{p}}$$

(descending order) →

Estimating Money

We can round amounts of money to the nearest pound to help us estimate totals.



£4.89



£2.14

£4.89 rounds to £5 and £2.14 rounds to £2
 $£5 + £2 = £7$ so I estimate the total is around £7

Calculations with Money

Now, we can begin calculating and solving simple problems with money using all four operations.

$$£8.67 + £6.22 + £5.11 = £20 \quad £20 - £8.67 - £6.22 = £5.11$$

£20		
£8.67	£6.22	£5.11

$$£7 \times 8 = £56 \quad £56 \div 8 = £7$$

£56							
£7	£7	£7	£7	£7	£7	£7	£7

