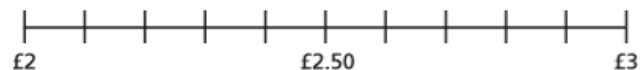


Good morning Y4s, Here is your maths learning for today. Please follow the link <https://whiterosemaths.com/homelearning/year-4/> and find Summer

Estimating money



- 1 a) Complete the number line.



- b) Circle the amounts that round to £3
c) What do you notice about the amounts that round to £2 and the amounts that round to £3?

- 2 Here are some amounts of money.

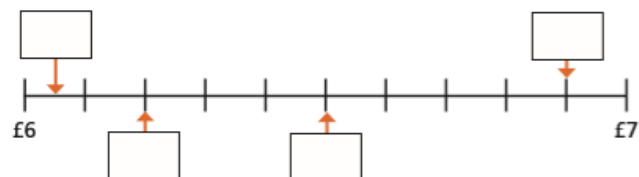
£6.90

£6.20

£6.50

£6.05

- a) Use the amounts to label the number line.



- b) Sort the amounts into the table.

Rounds to £6	Rounds to £7

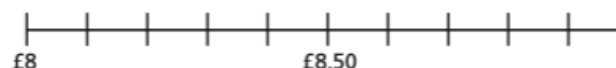
- 3 a) Draw arrows to estimate where each amount is on the number line.

£8.60

£9.00

£8.45

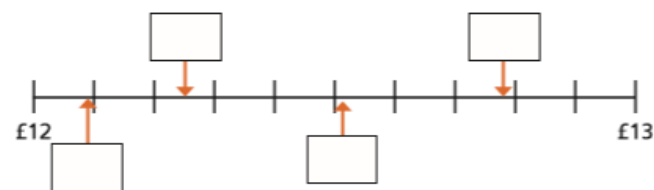
£8.89



Which amounts were difficult to place on the number line?

- b) Which amounts round to £9?

- 4 a) Write an estimate for each of the missing amounts.



- b) Which amounts round to £12?

Term,
Week 9 -
lesson 3
'Estimating
money'
then
complete
the
worksheet
and the
word
problems
below. The
answers are
at the end.

- 5 Eva buys a book for £4.85 and a pen for £2.70



The total will be approximately £6 because £4 plus £2 is £6

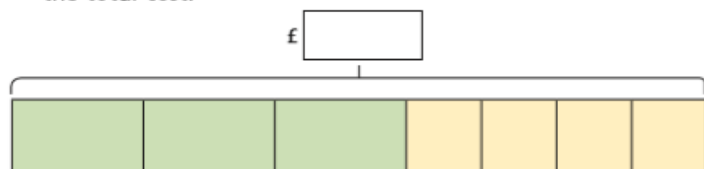
What would be a more accurate estimate for Eva to make?

Explain your answer.

- 6 A football costs £5.65 and cones cost £1.49 each.

Alex wants to buy three footballs and four cones for the football team.

- a) Round the amounts and complete the bar model to estimate the total cost.



- b) Alex has this much money.



Does Alex have enough money?

Talk about it with a partner.

- 7 Ron and Rosie have bought these items.



Round each amount to find an approximate total.

Write <, > or = to compare Ron and Rosie's totals.

Rosie's total



Ron's total

- 8 Filip is thinking of an amount of money.

- The amount rounds to £22 to the nearest pound.
- In the pence, there is an even amount of ones and an odd amount of tens.
- In the pence, the tens digit is less than the ones digit.

What amounts could Filip be thinking of?

Compare answers with a partner.

Word Problems involving money

Don't forget to use jottings and bar models to help you

1. Two Horrible Histories magazines cost £4.70. How much does each magazine cost?

Lewis went to the shop and bought 1 magazine, and 2 packets of biscuits, at 65p per packet.

How much does he spend altogether?

2. Lucy loves swimming. At the pool, she bought some new goggles at £9.70, and a swimming hat for £2.55. When she took them to the till, the goggles were half price.

How much did Mia's swimming goggles and hat cost?

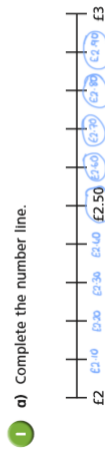
3. Rishi paid £8.70 for 2 pairs of new football socks. How much does each pair cost?

How many pairs of socks could Josh buy if he had a £20 note?

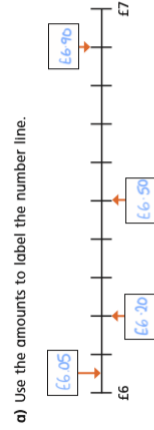
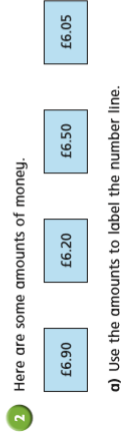
4. Adult train tickets from Northallerton to York cost £11.20 for a single journey. Children's tickets cost £8.40. How much would an adult's return journey ticket cost?

How much would it cost for 1 single adult and 2 single children's tickets

Estimating money



- b) Circle the amounts that round to £3
 c) What do you notice about the amounts that round to £2 and the amounts that round to £3?



b) Sort the amounts into the table.

Rounds to £6	Rounds to £7
£6.05	£6.50
£6.20	£6.90

- 5 Eva buys a book for £4.85 and a pen for £2.70

The total will be approximately £6 because £4 plus £2 is £6

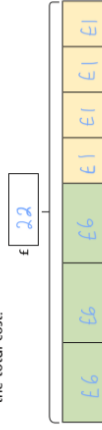
What would be a more accurate estimate for Eva to make?

$$£5 + £3 = £8$$

Explain your answer.

- 6 A football costs £5.65 and cones cost £1.49 each. Alex wants to buy three footballs and four cones for the football team.

- a) Round the amounts and complete the bar model to estimate the total cost.



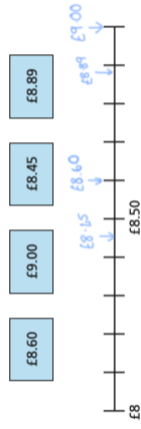
- b) Alex has this much money.



Does Alex have enough money?
 Talk about it with a partner.

Answers

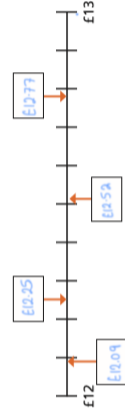
- 3 a) Draw arrows to estimate where each amount is on the number line.



- Which amounts were difficult to place on the number line?
 b) Which amounts round to £9?

£8.60 £8.89

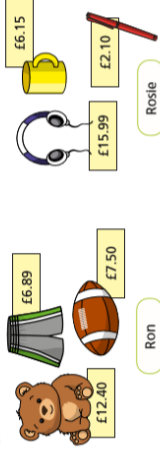
- 4 a) Write an estimate for each of the missing amounts.



- b) Which amounts round to £12?

£12.09 £12.25

- 7 Ron and Rosie have bought these items.



Round each amount to find an approximate total. Write <, > or = to compare Ron and Rosie's totals.

Rosie's total < Ron's total

- 8 Filip is thinking of an amount of money.

- The amount rounds to £22 to the nearest pound.
 - In the pence, there is an even amount of ones and an odd amount of tens.
 - In the pence, the tens digit is less than the ones digit.
- What amounts could Filip be thinking of?

£21.78

Compare answers with a partner.