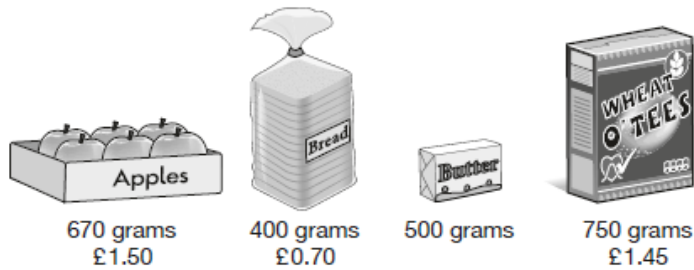


Year 6 – Reasoning practice

17

Chen buys these four items.



Chen pays for the four items with a £10 note. The price of the butter is not shown.

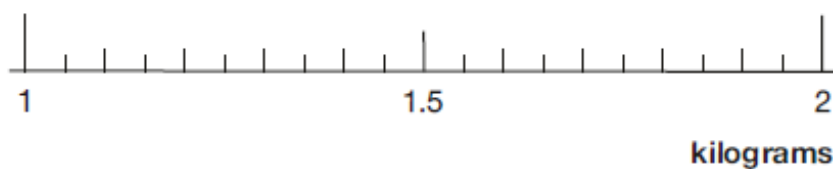
She receives £3.85 change.

What is the price of the **butter**?

Show your method

2 marks

Draw an arrow (↑) on the scale below to show **1350 grams**.



1 mark

20

Each day, a school has

- break from 10:15 am to 10:30 am
- lunchtime from 12:40 pm to 1:30 pm.

What is the **total** time the school has for breaks and lunchtime in a 5-day week?

Show
your
method

hours
minutes

2 marks

Here are four numbers.

40 60 64 100

Use each number **once** to complete these statements.

☐ is a square number.

☐ is a cube number.

is a common multiple of 4 and 5

is a common factor of 80 and 120

2 marks

20) A school orders 26 packs of pencils. Each pack contains 12 boxes of 12 pencils. The pencils are to be shared equally among the 14 classes in the school. To the nearest whole number, how many pencils will each class be given?

Answer: