Q1. (2018)

4 Circle the shortest length.

[1 mark]

1200 cm 0.13 km 110 m 140 000 mm

Q2. (2019)

21 To the nearest pound, Jon has £9

To the nearest 50p, Ellie has £6.50

Work out the maximum possible total amount of money.

[3 marks]

Answer £_____

Q3. (2023)

8 Three oranges have masses of 60 g, 70 g and 85 g

Show that their **total** mass is between $\frac{1}{5}$ and $\frac{1}{4}$ of a kilogram.

[3 marks]

Q4. (2023)

24 Millie is estimating the value of $\frac{1}{\left(\sqrt[3]{8.34}\right)^2 \times 10.21}$

She rounds each decimal number to 1 significant figure.

(A)

24 (a) Work out Millie's estimate.

You **must** show your working.

[2 marks]

(B)

24 (b) Millie says,

"My estimate must be more than the exact value."

Without working out the exact value, give a reason how she can know this.

[1 mark]