1. A grand father is organising a family meal out.

   He sees this fixed price deal.

   > 2 courses £15.95
   >
   > 3 courses £19.95

   (a) Estimate the cost if all 27 family members choose the 3 course deal.

   £ . . . .

   (b) Is your answer to (a) an underestimate or an overestimate?
   Give a reason for your answer.

   . . . .

   . . . .

2. Jendaya wants to work out the length of her garden path.

Jendaya counts the number of stride lengths to help her work out the path length.

The path is 24 strides long

Jendaya's stride length is 72 cm long.

(a) Estimate the length, in metres, of the path.

. . . . metres

(b) Is your answer to (a) an underestimate or an overestimate?
Give a reason for your answer.

. . . .

. . . .

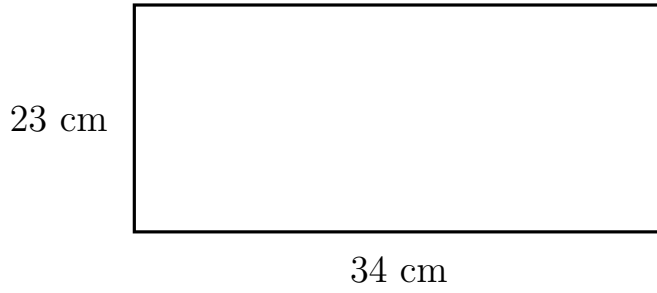3. Here is a rectangle.

23 cm

34 cm

Diagram NOT
accurately drawn

(a) Estimate the area of the rectangle.

.... cm^2

(b) Is your answer to (a) an underestimate or an overestimate?
    Give a reason for your answer.

....

....

4. Malik drank a small coffee every day for the 31 days of January.

Each small coffee had a volume of 227 ml.

(a) Estimate the volume of coffee, in litres, that Malik drank in January.

. . . . litres

(b) Is your answer to (a) an underestimate or an overestimate?
Give a reason for your answer.

. . . .

. . . .

Answers

1. (a) 30 or 20 used in a calculation P1, Answer A1
   (b) overestimate AND both numbers rounded up

2. (a) 20 or 70 or 0.7 used in a calculation P1, change cm to metres M1, Answer A1
   (b) underestimate AND both numbers rounded down

3. (a) 20 or 30 used in a calculation P1, Answer A1
   (b) underestimate AND both numbers rounded down

4. (a) 30 or 200 or 0.2 used in a calculation P1, convert ml to litres M1, Answer A1
   (b) underestimate AND both numbers rounded down