

Q1. The weight of a bag of potatoes is 25 kg, correct to the nearest kg.

(a) Write down the smallest possible weight of the bag of potatoes.

..... kg

(1)

(b) Write down the largest possible weight of the bag of potatoes.

..... kg

(1)

(Total 2 marks)

Q2. The length of a line is 63 centimetres, correct to the nearest centimetre.

(a) Write down the **least** possible length of the line.

..... centimetres

(1)

(b) Write down the **greatest** possible length of the line.

..... centimetres

(1)

(Total 2 marks)

M1.

	Answer	Mark	Additional Guidance
(a)	24.5	1	B1 cao
(b)	25.5	1	B1 for 25.5 or $25.\dot{4}9$
Total for Question: 2 marks			

M2.

	Answer	Mark	Additional Guidance
(a)	62.5	1	B1 cao
(b)	63.5	1	B1 for 63.5 (accept 63,49 or 63.49.. or any evidence that the 9 is recurring or 63.499 or better)
Total for Question: 2 marks			

E1. It was clear that nearly all candidates were not familiar with this area of the syllabus with only a few candidates getting either part correct. Part (a) had a 28% success rate and part (b) had only a 4% success rate.

E2. Part (a) was answered correctly by about 80% of the candidates.

About half of the candidates were successful in part (b), giving an answer of 63.5 or 63.49 recurring. The most common incorrect answer was 63.4. Often candidates did not give enough decimal places for a recurring decimal and wrote 63.49.