

1 The length of a book is 33.8 cm, correct to one decimal place.

(a) Write down the lower bound of the length of the book.

..... 33.75 (1) cm

(b) Write down the upper bound of the length of the book.

..... 33.85 (1) cm

(Total for Question 1 is 2 marks)

2 The weight of a cat is 4.3 kg correct to 2 significant figures.

(a) Write down the upper bound of the weight of the cat.

Upper bound = 4.35

4.35 ^①
..... kg
(1)

(b) Write down the lower bound of the weight of the cat.

4.25

4.25 ^①
..... kg
(1)

(Total for Question 2 is 2 marks)

- 3 Each side of a regular octagon has a length of 18 mm, correct to the nearest 0.5 mm

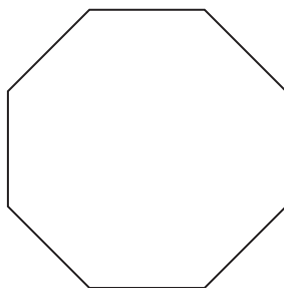


Diagram **NOT**
accurately drawn

- (a) Write down the lower bound of the length of each side of the octagon.

..... 17.75 (1) mm
(1)

- (b) Write down the upper bound of the length of each side of the octagon.

..... 18.25 (1) mm
(1)

(Total for Question 3 is 2 marks)

4 The weight of a cake is 2.75 kg, correct to 2 decimal places.

(a) Write down the lower bound of the weight of the cake.

2.745 $\textcircled{0}$ kg
(1)

(b) Write down the upper bound of the weight of the cake.

2.755 $\textcircled{0}$ kg
(1)

(Total for Question 4 is 2 marks)