SMART EXAM RESOURCES STAGE 9 MATHEMATICS TOPIC QUESTIONS TOPIC: BOUNDS SET-2

Joe measured the diameter of a tennis ball correct to the nearest millimetre. The upper bound of his measurement was 6.75 centimetres.

Write down, in millimetres, the lower bound of his measurement.

1

Answer mm [2]

66.5	~0 ¹	2 cao	W1 for figs 665 or SC1 answer of 66.5 < LB < 67.5
	M KOS		

2 Another village has a population of 1770, correct to the nearest ten. Write down the lower bound for the population of this village.

Answer(e) [1]

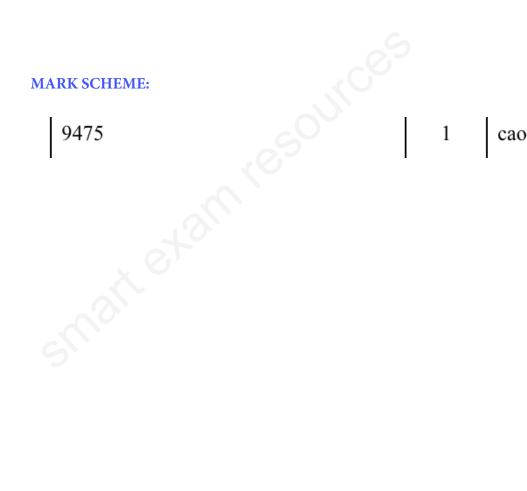
1765 cao

1



The total value of the books sold in January was \$9480 correct to the nearest 10 dollars. 3 Write down the lower bound for this amount. smartexamesu-

Answer(e) \$ [1]



4 Ella's height is 175 cm, correct to the nearest 5 cm.

Write down the upper bound of Ella's height.

..... cm [1]

MAI	RK SCHEME:	C	2	
	177.5	, KCO	1	
	art examine	3500		

5 The capacity of a jug is 750 ml correct to the nearest 10 ml.

Write down the upper and lower bounds of the capacity of the jug. Upper bound = Lower bound =

Upper bound = ml

Lower bound = ml [2]

- 745 745
 - B1 for one correct or both values reversed

The mass of Ahmed's bag is 5 kg, correct to the nearest kilogram.

Write down the upper bound of the mass of his bag.

6

Answer(b)(ii) kg [1]