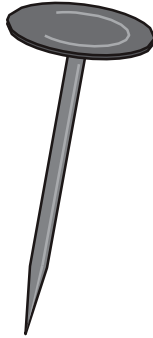


**SMART EXAM RESOURCES**  
**STAGE 9 MATHEMATICS**  
**TOPIC QUESTIONS**  
**TOPIC: BOUNDS**  
**SET-1**

- 1** The length of a nail rounded to one decimal place is 6.9 cm.



Write down the shortest possible length that the nail could be.

..... cm [1]

### Mark Scheme:

Part	Mark	Answer	Further Information
	1	6.85(000...) (cm)	
Total	1		

- 2 In one week, the plane flies a total distance of 8520 km, correct to the nearest ten kilometres.

Write down the lower bound of this distance.

*Answer(e)* ..... km [1]

**MARK SCHEME:**

8515

**1**

3

260 litres is given correct to the nearest 10 litres.

Write down the lower bound of this amount.

*Answer(b)(ii)* ..... litres [1]

MARK SCHEME:

255 | 1 |

4

The mass of a ten-pin bowling ball is 7 kg to the nearest kilogram.

Write down the lower bound of the mass of the ball.

*Answer(c)* ..... kg [1]

MARK SCHEME:

6.5

| 1 |



5  $d = 56.4$ , correct to 1 decimal place.

Write down the lower bound of  $d$ .

*Answer(c)* ..... [1]

MARK SCHEME:

56.35	1	
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