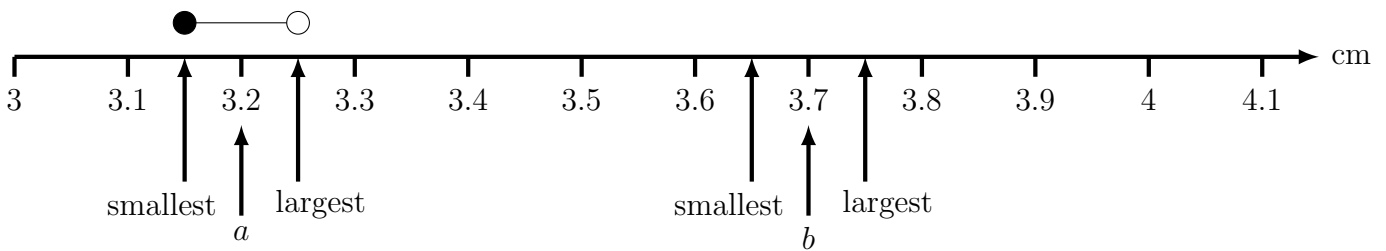


1. Abby rounds a number,  $a$ , to one decimal place.

The diagram shows the result, 3.2 and the error interval for  $a$ .



(a) Complete the error interval for  $a$

$3.15 \leq a < \dots\dots\dots$

Bhaskor rounds a number,  $b$ , to one decimal place.

The diagram shows the result, 3.7 and the error interval for  $b$ .

(b) Write down the error interval for  $b$ .

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2. Esra rounds a number,  $x$ , to one decimal place.

The result is 7.4

Write down the error interval for  $x$ .

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3. Jade rounds a number,  $x$ , to one decimal place.

The result is 12.7

Write down the error interval for  $x$ .

.....

4. Arafha rounds a number,  $x$ , to one decimal place.

The result is 21.1

Write down the error interval for  $x$ .

.....

5. Eva rounds a number,  $x$ , to one decimal place.

The result is 120.5

Write down the error interval for  $x$ .

.....

Answers 1a)  $3.15 \leq a < 3.25$  1b)  $3.65 \leq b < 3.75$  2)  $7.35 \leq x < 7.45$

3)  $12.65 \leq x < 12.75$  4)  $21.05 \leq x < 21.15$  5)  $120.45 \leq x < 120.55$