Exit Ticket B6 - Error Intervals

Name:.. Date:...

AQA

Sam is 24 years old.

Which of these inequalities is the error interval of his age?

A	$24 \le x < 25$
B	$20 \le x < 30$
C	$23.5 \le x < 24.5$
D	$20 \le x < 25$

Correct Answer: A B C D

Explanation:

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AQA

Jess is 1.43 m tall.

Her height has been given to 2 decimal places.

Which of these inequalities gives the error interval due to rounding?

A	$1.43 \le x < 1.44$
B	$1.35 \le x < 1.45$
C	$1.425 \le x < 1.435$
D	$1.425 < x \le 1.435$

Correct Answer: A B C D

Explanation:

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Having been rounded to 1 significant figure, a score (s) is given as 300.

Which of the following gives the correct error interval for s?

A $299.5 \le s < 300.5$ B $299 \le s < 301$

C $295 \le s < 305$ D $250 \le s < 350$

Correct Answer: A B C D

Explanation:

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