



# Pythagoras 3D

Name: .....

Date: .....

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A box is in the shape of a cuboid as shown.

What is the length of the longest rod that can fit in the box?

Give your answer to 1 decimal place

A 47.2 cm   
  B 36.4 cm   
  C 55.9 cm   
  D 50 cm

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Correct Answer: A B C D

Explanation:

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A box is in the shape of a cuboid as shown.

What is the length of the longest rod that can fit in the box?

Give your answer to 1 decimal place

A 80.6 cm   
  B 75.5 cm   
  C 78.1 cm   
  D 63.3 cm

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Correct Answer: A B C D

Explanation:

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The diagram shows a pyramid with a rectangular base

Work out the vertical height of the pyramid.

A 17 cm   
  B 16 cm   
  C 18.9 cm   
  D 13.7 cm

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Correct Answer: A B C D

Explanation:

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