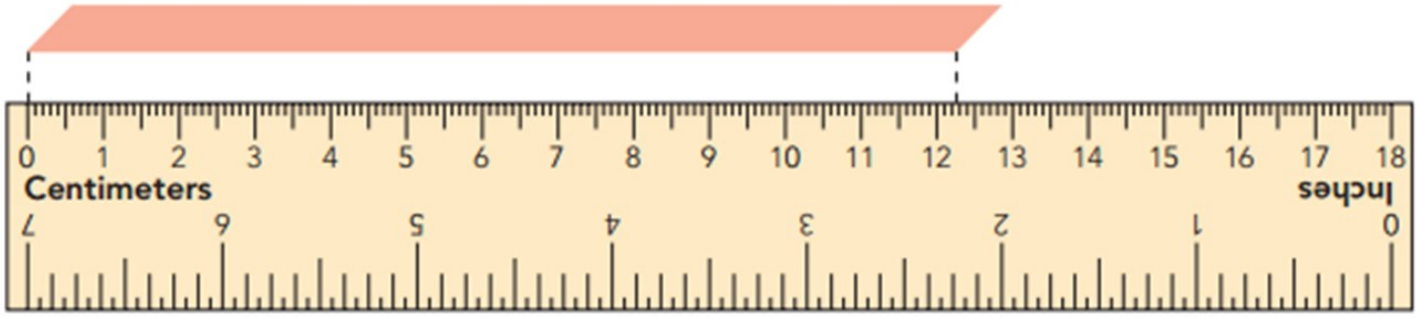
Greg wants to know the circumference of the base of a cylinder. He places a paper strip around the base of the cylinder. He then measures the length of the paper strip with a ruler.



a) List the digits in the length that are certain.

b) List the digit that is not certain, the estimated digit. Write an approximate length to two decimal places.

c) State the number of significant digits the length has.

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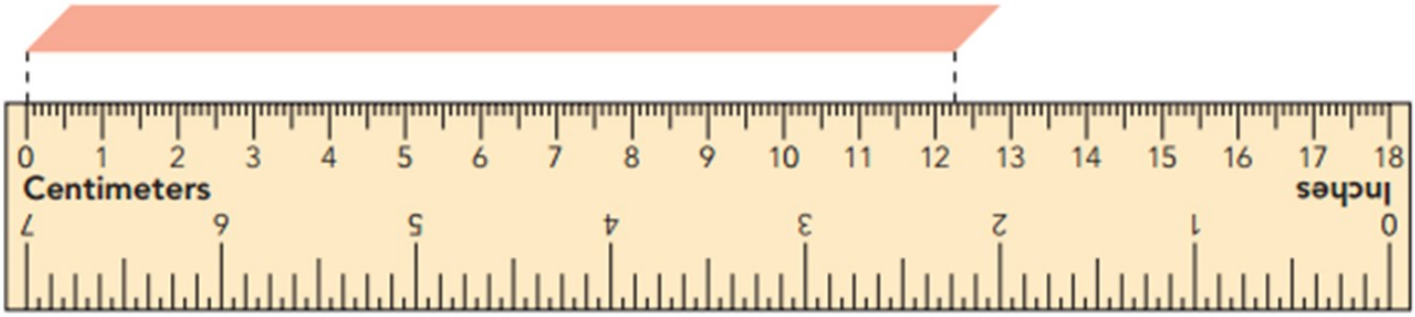

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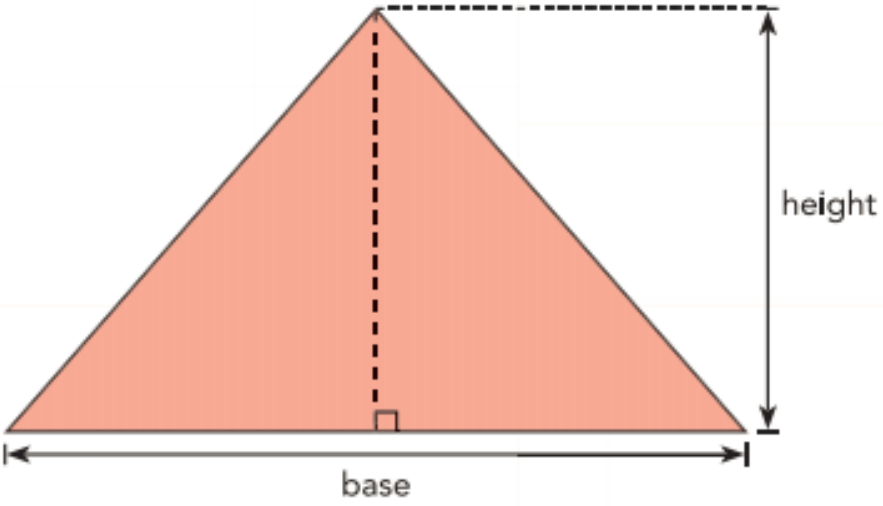
Gavin measured the base to be 12.64 centimeters and the height of a triangle to be 7.15 centimeters.



a) Calculate the area of the triangle.

b) State the area of the triangle correct to 3 significant digits.

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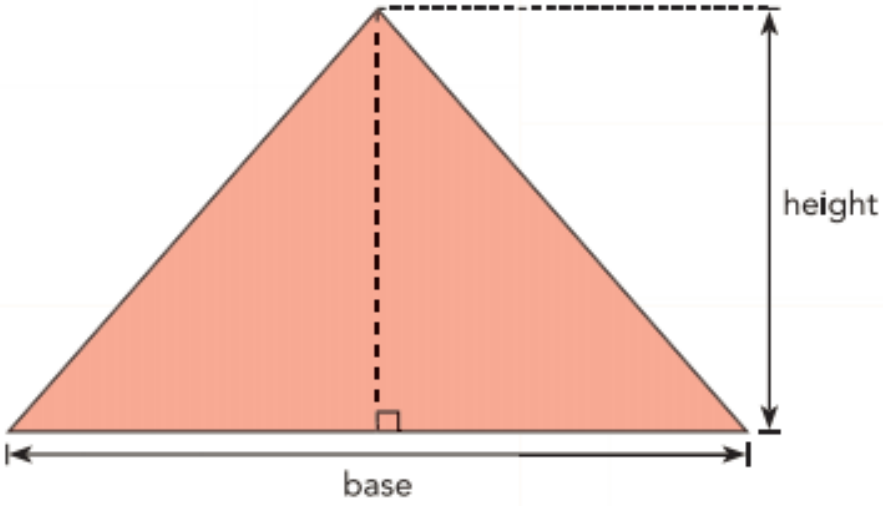

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