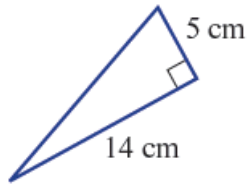


# Year 10 – Measurement Worksheet

## Pythagoras

1. Find the length of the unknown side in these right-angled triangles correct to two decimal places.

(a)




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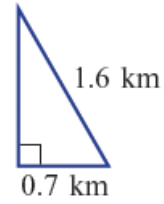


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(b)




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2. Consider the rectangular prism  $ABCDEFGH$  shown below.

(a) Find  $BE$ , leaving your answer in exact form.

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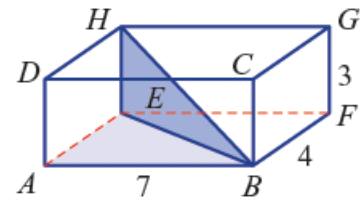
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(b) Find  $BH$ , correct to two decimal places.

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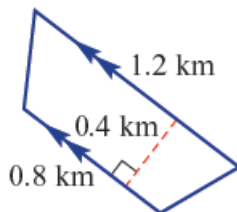


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## Area

3. Find the area of these shapes, rounding to two decimal places where necessary.

(a)




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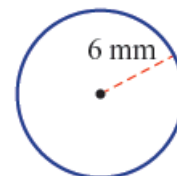


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(b)




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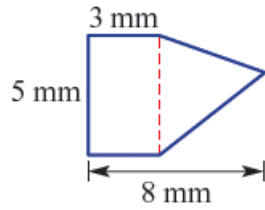


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(c)




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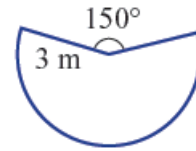


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(d)




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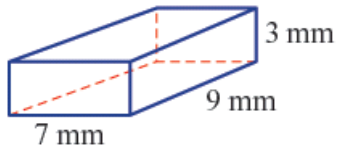


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### Surface Area

4. Find the total surface area of these solids, rounding to two decimal places where necessary.

(a)




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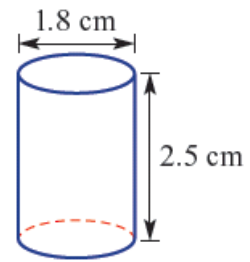


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(b)




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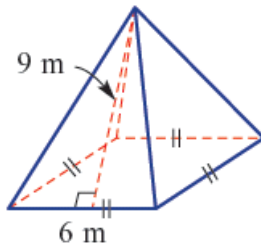


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(c)




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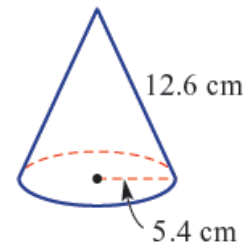


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(d)




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5. Find the total surface area of this composite solid correct to one decimal place.

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