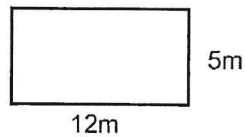
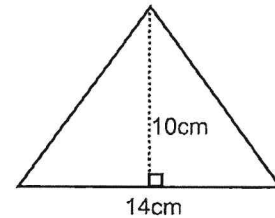
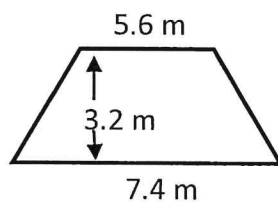
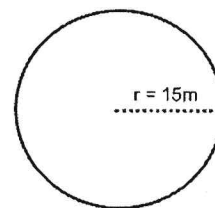


Name: _____

For full marks:

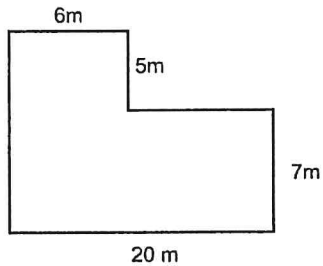
- Identify the shape you are working with in the blank.
- Write down the formula, substitute the numbers and calculate an answer.
- Round your answer to 2 decimal places when necessary.
- Include units in your final answer.
- Remember to write a closing statement for the application questions.

1. Calculate the area of each figure.

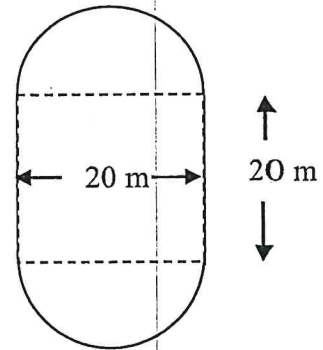
a) Shape: _____
③b) Shape: _____
③c) Shape: _____
③d) Shape: _____
③

2. Calculate the area of each composite figure.

a) Shapes: _____
⑤

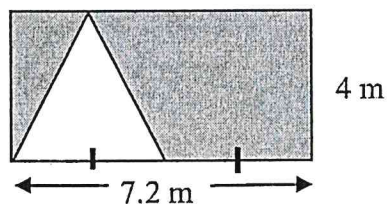


b) Shapes: _____
⑤

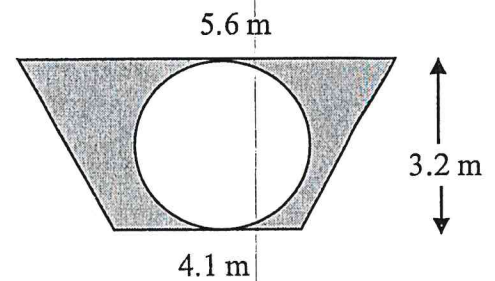


3. Calculate the area of each shaded region.

a) Shapes: _____
⑤

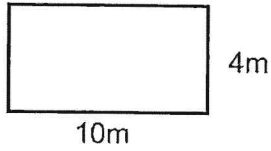


b) Shapes: _____
⑤

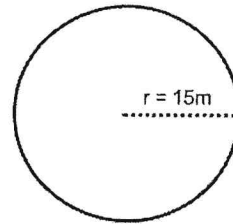


4. Calculate the perimeter of each figure.

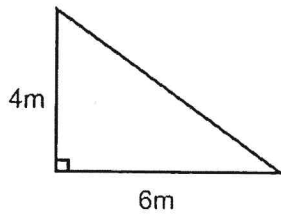
a) Shape: _____
③



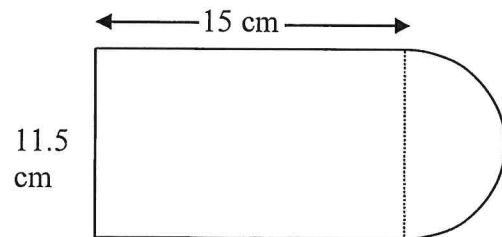
b) Shape: _____
③



c) Shape: _____
⑤



d) Shapes: _____
④



* Hint: You have to use the Pythagorean theorem 1st!

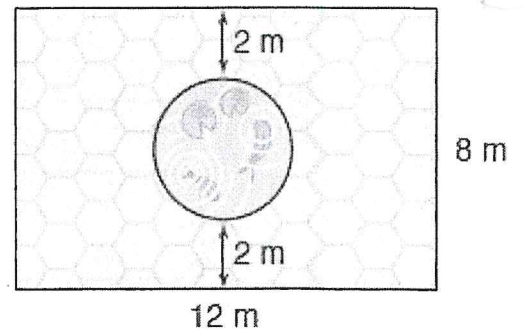
*Remember: Only the outside lengths are needed!

5. A circular fishpond is set in a rectangular patio.

a) The patio is paved with sandstone tiles.

(i) Calculate the area that is paved?

⑤

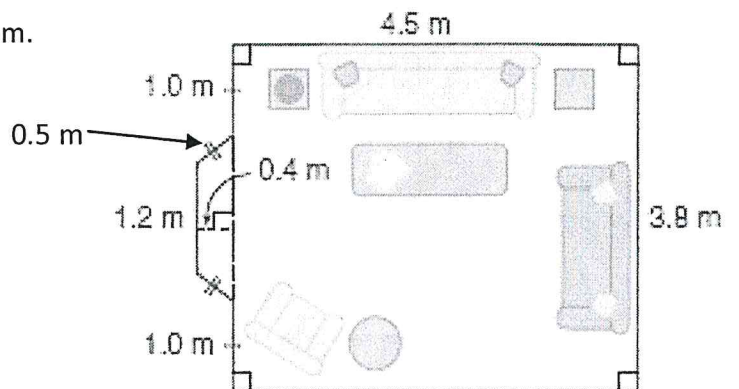


(ii) The sandstone costs \$45.00/m². What is the total cost of the sandstone with taxes? ②

6. You decide to put up some wallpaper border around the living room.

a) Determine the perimeter of the living room.

②



b) Rolls of wallpaper border come in 4.57 m rolls. How many rolls would you need?

②

c) Each roll of border costs \$14.99. How much will the border for this room cost with taxes?

②