



Task Title: Calculate the Area of a Room that Includes a Bay Window

OALCF Cover Sheet – Learner Copy

Learner Name: _____

Date Started: _____

Date Completed: _____

Successful Completion: Yes ☐ No ☐

Goal Path: Employment ☒ Apprenticeship ☒

Secondary School ☐ Post Secondary ☐ Independence ☒

Task Description: Learner will calculate the area of a room that includes a bay window.

Main Competency/Task Group/Level Indicator:

- Understand and Use Numbers/Use measures/C3.3

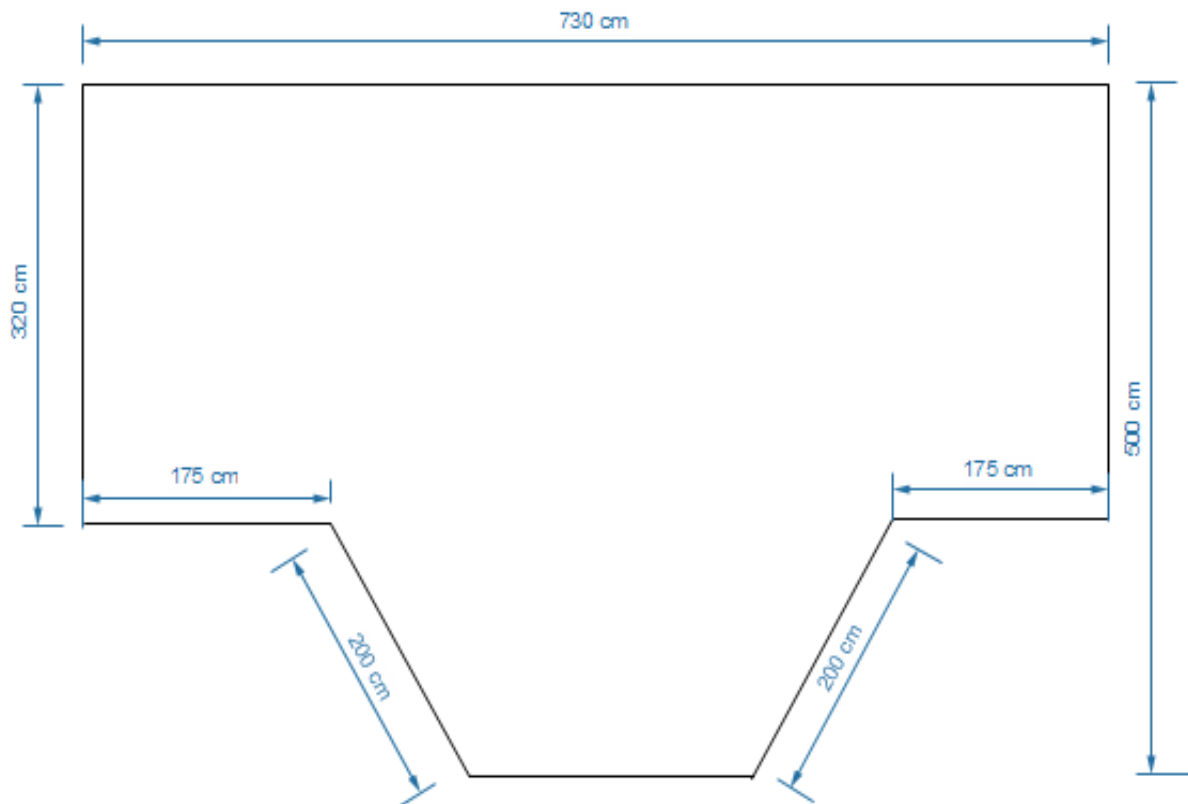
Materials Required:

- Pen/pencil and paper and/or digital device
- Calculator or digital device with calculator function
- Ruler

Learner Information

An important part of the job of a skilled construction tradesperson involves making calculations based on instructions such as blueprints. Before laying the floor covering, a contractor must calculate the area of the floor to know how much carpet or tile must be ordered. In complex floors, contractors will split the floor into smaller polygons to make the calculations simpler. Look at the "Diagram of the Living Room".

Diagram of a Living Room



Work Sheet

Task 1: Divide the complex polygon into known polygons. Label these on the room diagram.

Answer: No written response required here.

Task completed: Yes: ☐

Task 2: Calculate the unknown lengths and label them on your diagram. If necessary, round calculations to 2 decimal places.

Answer: No written response required here.

Task completed: Yes: ☐

Task 3: Calculate the area of the living room floor.

Answer:
