

BUDGETING EXERCISE

Now that you have built your beautiful cottage, you are ready to complete it. In order to do so, you will need to arrange for the installation of the mechanical systems (heat, plumbing, etc.) as well as some creature comforts.

You are given a budget of \$40,000 to finish the cottage and add your personal touches (this is in addition to the materials costs calculated in the previous exercise). You may purchase and install anything that is listed on the attached price list. You may NOT exceed the budget amount. The following items are required and MUST be included in your final plan:

- Roof – building code requires that there is an underlayment and one of the available shingle options.
- Sheetrock – you must finish the surface of the walls and ceiling on the inside of your cabin. Standard walls are 8 feet tall. Note that the thickness of the sheetrock is dependent on the method of framing that you used (see the reading passage for more information).
- Exterior siding – all of the walls must be protected with some sort of siding material.
- Flooring – there must be a finished flooring surface.
- Windows/Doors – you must install at least two windows (any size) and one door.
- Finishes – the entire interior wall and ceiling surface must be painted. The exterior must be painted only if cedar siding is selected.
- Kitchen – any one of the indicated kitchen options must be installed.
- Mechanical Systems – electrical and plumbing are required.

What is the minimum cost of installing all of the required elements? Please show your work.

Please show all of your choices and their associated costs. Write a short explanation of the work that you are planning to do and the reason for your selection of the options that you have chosen.