**ALGORITHM**

Declare variables

Display intro screen

Begin loop

Enter tile number

If tile input is not numeric

Print error message

Set valid = false

Enter tile number

If tile input is not numeric

Print error message

Set valid = false

End if

Loop while valid = false

Begin loop

Enter tile number

If tile input is not numeric

Print error message

Set valid = false

End if

Loop while valid = true

Display tiles cost on screen

Add cost to total costs

Prompt the user to enter extra options

If answer is not numeric

Print error message

Output statistics to screen

Add ExtraCosts to total costs

Final cost displayed on screen

End program