

Name: _____ Date: _____ Class: _____

Cookie Mining Worksheet

Profit & Loss Statement

Mining Expenses

Land Cost & Area

Cost of cookie = \$ _____

Initial size of cookie (in squares) = \$ _____

Final size of cookie (in squares) = \$ _____

Mining Equipment Costs

Paperclip _____ x \$500 = \$ _____

Round toothpick _____ x \$300 = \$ _____

Flat toothpick _____ x \$100 = \$ _____

Total mining equipment costs = \$ _____

Labor Cost (Time)

Minutes spent mining _____ x \$50 = \$ _____

Subtotal: Cost of Mining Operations

Cost of land/cookie + mining equipment costs + labor/time cost = \$ _____

Reclamation Cost (land impacted by mining)

Final area taken up by cookie = _____ squares x \$30 = \$ _____

Mining Revenue (from sale of chocolate ore)

Number of whole chips removed = _____ x \$500 = \$ _____

Number of "dirty" chips removed = _____ x \$200 = \$ _____

Number of grouped partial chips* removed = _____ x \$100 = \$ _____

* To sell partial chips, amass the partial chips into groupings that contain at least the amount of chocolate as an intact whole chip.

Subtotal: Total Mining Revenue

Income from whole chips + dirty chips + grouped partial chips = \$ _____

PROFIT (Net Revenue)

Mining revenue – cost of mining operations – reclamation cost = \$ _____