# **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 = $ \_\_\_\_\_