

Cookie Mining Data Sheet

1. Name of cookie
2. Price of cookie
3. Size of cookie squares covered
4. Equipment:
 - Flat toothpick _____ x \$2.00 = _____
 - Round toothpick _____ x \$4.00 = _____
 - Paperclip _____ x \$6.00 = _____

TOTAL EQUIPMENT COST.....

5. Mining: _____ minutes x \$1.00 = _____
 - Cost of removing chips
 - Reclamation _____ squares x \$1.00 = _____

TOTAL COST OF MINING.....

6. Chip removal:
 - Number of chips _____ x \$2.00
 - VALUE OF CHIPS

How much did I make?

Beginning money \$19.00
 Value of chips + _____
 Total equipment cost - _____
 Total cost of mining - _____

PROFIT/LOSS = _____

QUESTIONS

1. Were the minerals evenly distributed throughout the cookie mines? Is this a good model for a real mine?
2. Did you leave any chips behind in the cookie? Why or why not? Is this a good model for a real mine?
3. Were you able to restore the land? Why or why not?
4. Do you think the mining process is faster when you know in advance that the land must be restored? Explain.
5. What changes in your mining technique would have resulted in more profit?

BONUS:

Do you think that legislation during requiring the restoration of the land makes mining more expensive?