

# Cookie Mining - Instructions

**Initially, you have £20 billion to invest.**

## Available tools

**£3b**                      **Toothpick**

**£5b**                      **Paperclip**

## Mining costs

**£6b**                      **Per mine site (cookie)**

**£1b**                      **Per minute of mining operation**

## Profits

**£3b**                      **Per whole chocolate chip**

**£2b**                      **Per whole chocolate chip equivalent in pieces**

## Fines

**£1b**                      **Reclamation fee per square (outside the original site)**

You may purchase as many mine sites and tools as you wish to start (up to a total value of £20b). Mark the initial boundary of the mine site/s (draw round the cookie). The aim is to extract as many chocolate chips from the cookie as possible, using only the tools you have purchased, and then clean up the mine site so that there are minimal environmental impacts. You will be fined for any waste material that is not within the original mine site when you call time.

Can you make a tasty profit?

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# Cookie Mining – Profit Calculation

INITIAL INVESTMENT:			=	<input type="text" value="£20b"/>	<b>A</b>	
SITES PURCHASED:	<input type="text"/>	sites	x £6b	=	<input type="text"/>	<b>B<sub>1</sub></b>
TOOLS PURCHASED:	<input type="text"/>	toothpick/s	x £3b	=	<input type="text"/>	<b>B<sub>2</sub></b>
	<input type="text"/>	paperclip/s	x £5b	=	<input type="text"/>	<b>B<sub>3</sub></b>
TIME TAKEN:	<input type="text"/>	minutes	x £1b	=	<input type="text"/>	<b>B<sub>4</sub></b>
RECLAMATION FEE:	<input type="text"/>	squares	x £1b	=	<input type="text"/>	<b>B<sub>5</sub></b>
WHOLE:	<input type="text"/>	chips	x £3b	=	<input type="text"/>	<b>C<sub>1</sub></b>
FRAGMENTS:	<input type="text"/>	chips	x £2b	=	<input type="text"/>	<b>C<sub>2</sub></b>
<hr/>						
TOTAL COST:	[B <sub>1</sub> + B <sub>2</sub> + B <sub>3</sub> + B <sub>4</sub> + B <sub>5</sub> ]			<input type="text"/>		
TOTAL INCOME:	[C <sub>1</sub> + C <sub>2</sub> ]			<input type="text"/>		
<hr/>						
PROFIT:	[A - TOTAL COST + TOTAL INCOME]			<input type="text"/>		

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SITES PURCHASED:	<input type="text"/>	sites	x £6b	=	<input type="text"/>	<b>B<sub>1</sub></b>
TOOLS PURCHASED:	<input type="text"/>	toothpick/s	x £3b	=	<input type="text"/>	<b>B<sub>2</sub></b>
	<input type="text"/>	paperclip/s	x £5b	=	<input type="text"/>	<b>B<sub>3</sub></b>
TIME TAKEN:	<input type="text"/>	minutes	x £1b	=	<input type="text"/>	<b>B<sub>4</sub></b>
RECLAMATION FEE:	<input type="text"/>	squares	x £1b	=	<input type="text"/>	<b>B<sub>5</sub></b>
WHOLE:	<input type="text"/>	chips	x £3b	=	<input type="text"/>	<b>C<sub>1</sub></b>
FRAGMENTS:	<input type="text"/>	chips	x £2b	=	<input type="text"/>	<b>C<sub>2</sub></b>
<hr/>						
TOTAL COST:	[B <sub>1</sub> + B <sub>2</sub> + B <sub>3</sub> + B <sub>4</sub> + B <sub>5</sub> ]			<input type="text"/>		
TOTAL INCOME:	[C <sub>1</sub> + C <sub>2</sub> ]			<input type="text"/>		
<hr/>						
PROFIT:	[A - TOTAL COST + TOTAL INCOME]			<input type="text"/>		