

Instructions to *One Grain of Rice* Activity Or How Many Grains of Rice will Pong Lo Have after 40 Days?

Step One: Find a Pattern

Predict: How many grains of rice will Pong Lo get after eight days? _____

(Remember, the number of grains doubles each day)
Complete the table. Look for a pattern

| Day | Grains |
|-----|--------|
| 1 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |
| 6 | |
| 7 | |
| 8 | |

Step Two: Number the Days

Open Excel

Click in **A1** and type 1

Click in **A2** and type 2

Highlight A1 and A2 (A1 might be white instead of blue)

Find the dot and drag down to 20

Your document will look like this:

| A | |
|---|---|
| 1 | 1 |
| 2 | 2 |
| 3 | |

Step Three: Do the Calculation

Click in **B1**

Type 1

Click in **B2**

Type =, click on **B1**, type *, type 2, press enter

Your formula will read like this:

=B1*2

| A | |
|----|----|
| 1 | 1 |
| 2 | 2 |
| 3 | 3 |
| 4 | 4 |
| 5 | 5 |
| 6 | 6 |
| 7 | 7 |
| 8 | 8 |
| 9 | 9 |
| 10 | 10 |
| 11 | 11 |
| 12 | 12 |
| 13 | 13 |
| 14 | 14 |
| 15 | 15 |
| 16 | 16 |
| 17 | 17 |
| 18 | 18 |
| 19 | 19 |
| 20 | 20 |

Step Four: Fill Down and Find the Answer

Click on **B2**

Find the dot

Drag down to 20

| A | | B | |
|---|---|---|---|
| 1 | 1 | | 1 |
| 2 | 2 | | 2 |
| 3 | 3 | | |
| 4 | 4 | | |
| 5 | 5 | | |

Step Five: How Many Grains of Rice after 30 days?

Drag down to 30 (both columns)

Hint: You may wish to format your numbers so they are easier to read.

You also may need to make your column widths wider to view your extremely large numbers.