

## Part A

Use your place value grid and counting equipment to help.

1)  $8 \times 1000 = \square$

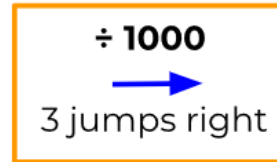
2)  $3 \times 1000 = \square$

3)  $\square \times 1000 = 2000$

4)  $5000 \div 1000 = \square$

5)  $4000 \div 1000 = \square$

6)  $\square \div 1000 = 9$



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## Part B

Use your place value grid and counting equipment to help.

7) There are 7000 grains of rice. George spends his time sharing them into 1000 equal groups.

How many grains of rice are in each group?



8) Across London, 1000 schools enter 6 pupils each into a 'Spelling Competition'.

How many children were competing in total?



## Challenge

9) Which representation **does not** show multiplying by 1000?

A				B				C			
Th	H	T	O	Th	H	T	O	Th	H	T	O
			●●●●				●●●●				●●●●
			●●●●				●●●●				●●●●
●●●●				●●●●				●●●●			

Diagram A: A place value grid with 4 columns (Th, H, T, O) and 3 rows. The top row has 4 green dots in the O column. The middle row has 4 green dots in the T column. The bottom row has 4 green dots in the H column. A blue arrow labeled "x 1000" points from the O column of the top row to the H column of the bottom row.

Diagram B: A place value grid with 4 columns (Th, H, T, O) and 3 rows. The top row has 4 yellow dots in the O column. The middle row has 4 yellow dots in the H column. The bottom row has 4 yellow dots in the T column. A blue arrow labeled "x 1000" points from the O column of the top row to the H column of the middle row.

Diagram C: A place value grid with 4 columns (Th, H, T, O) and 3 rows. The top row has 4 cyan dots in the O column. The middle row has 4 cyan dots in the T column. The bottom row has 4 cyan dots in the H column. A blue arrow labeled "x 1000" points from the O column of the top row to the H column of the bottom row.

Write a sentence to explain how you know.

