

Multiplication and Division in Hieroglyphics



1



10



100



1000



10000




100000









1000000

A few weeks ago, you learnt about how Ancient Egyptians used hieroglyphics to represent numbers. We are now moving on to multiplication and division using the guide above.

Challenge 1: Multiply the two English numbers together and give your answer as an ancient Egyptian symbol. The first one is done for you:

1. $2 \times 4 = 8$ 
2. $10 \times 5 = ?$
3. $5 \times 5 = ?$
4. $7 \times 7 = ?$
5. $700 \times 10 = ?$
6. $2536 \times 10 = ?$

Challenge 2: Multiply the English number and the ancient Egyptian symbol together and give your answer in English (It may help to write the whole calculation in English first). The first one is done for you:

1. $10 \times$  $= 100$
2. $8 \times$  $= ?$
3. $7 \times$  $= ?$
4. $9 \times$  $= ?$
5. $7 \times$  $= ?$
6. $3 \times$  $= ?$

Challenge 3: Pharaoh Tutankhamun spilt a Nile milkshake on the sheet and lost his symbols! It is your job to work out the Ancient Egyptian symbols that are missing (be careful as some questions are NOT multiplication, but are the inverse). Try to spot the patterns and see whether you can work some of these out mentally. Write out the whole calculation including the missing Egyptian symbol. The first one survived and is done for you:

1. $10 \times \text{☉} = 1000$
2. $33 \times ? = 3300$
3. $70 \times ? = 490$
4. $1000 \times ? = 78,000$
5. $20 \times ? = 140$
6. $100 \div ? = 10$
7. $200 \div ? = 2$
8. $77 \div ? = 7$
9. $63 \div ? = 9$
10. $3090 \div ? = 309$
11. $840 \div ? = 4$