



Ancient Egyptian Numbers





Change the following numbers from English to ancient Egyptian symbols using the guide above. The first one is done for you:

1. 7 = 
2. 13 = ?
3. 223 = ?
4. 1025 = ?
5. 10,320 = ?
6. 200,103 = ?

We are now moving on to multiplication using the guide above. In the first set, multiply the two English numbers together and give your answer as an ancient Egyptian symbol. The first one is done for you:

7. $2 \times 4 = 8$ 
8. $10 \times 5 = ?$
9. $5 \times 5 = ?$
10. $7 \times 7 = ?$
11. $700 \times 10 = ?$
12. $2536 \times 10 = ?$

In the second set, 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:

13. $10 \times$  $= 100$
14. $100 \times$  $= ?$
15. $7 \times$  $= ?$
16. $1000 \times$  $= ?$

$$17. 7 \times \text{ankh} = ?$$

$$18. 3 \times \text{djed} = ?$$

Pharaoh Baines 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). **Write out the whole calculation including the missing Egyptian symbol.** The first one survived and is done for you:

$$19. 10 \times \text{djed} = 1000$$

$$20. 33 \times ? = 3300$$

$$21. 70 \times ? = 490$$

$$22. 1000 \times ? = 78,000$$

$$23. 47 \times ? = 4700$$

$$24. 20 \times ? = 140$$

$$25. 100 \div ? = 10$$

$$26. 200 \div ? = 2$$

$$27. 77 \div ? = 7$$

$$28. 63 \div ? = 9$$

$$29. 3090 \div ? = 309$$

$$30. 840 \div ? = 210$$

Pharaoh Baines wants you to record your answers for the following questions in BOTH English and ancient Egyptian symbols.

31. Jack and Sophie bought 58 Sphinx souvenirs each. How many did they have altogether?
32. There is room in a pyramid for 45 coffins on each of the 10 floors, How many coffins are there if the pyramid is full?
33. It takes 100 bricks to build one wall of a pyramid - how many bricks will Pharaoh Bennett need to build TWO pyramids?
34. 20 pupils at Giza Primary School eat school dinners. On average, each pupil is given 7 chips. How many chips do the dinner ladies need to cook?
35. Pharaoh Baines bought 10 benches to go around both pyramids he built. Each bench cost £100 each. How much did Pharaoh Baines have to pay in total for his benches?

Extension Activity

Write down one MULTIPLICATION calculation where you need to add two English numbers and find the total as an Egyptian symbol, one MULTIPLICATION calculation where you need to add two Egyptian symbols and find the total in English and one MULTIPLICATION calculation where you need to find the missing Egyptian symbol in the middle e.g. $12 + ? = 14$.

Test your response partner with your calculations.