

Logical Thinking

Logical thinking helps programmers check they haven't made any mistakes in programs they write.

Egyptian Surveys

Buried in the desert are the tombs of a scribe (a large tomb covering 3 squares), 3 artisans (2 squares each) and a merchant (1 square). **Can you work out where they are?**

SOLUTION

- The numbers on the survey map say how many squares are part of a tomb in that row or column. So for example, a 0 at the end of a row means there are no tombs in that row. A 1 means that one square in the row holds a tomb.
- No two tombs touch, not even at the corners.
- A trial dig found part of the tomb of the artisan (marked T).

T	X	T	X	T	3
T	X	X	X	T	2
X	X	X	X	X	0
T	X	T	T	T	4
T	X	X	X	X	1
4	0	2	1	3	

HINT:

If a row or column already has the right number of tomb squares then put Xs in all the empty squares.



T Merchant's tomb x 1 **T T** Artisan's tomb x 3
T T T Royal Scribe's tomb x 1

Skill:
Logical
Thinking

Tick the circle when you have attempted the puzzle and so practised the skill.

Image by Karl Toon from Pixabay