

Logical Thinking

Being able to think clearly and logically helps in lots of jobs, but it is very important for computer scientists.

Egyptian Surveys

SOLUTION

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

- 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 the tomb of the merchant (marked T).
- A second trial dig in the opposite corner found nothing (marked X).

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

HINT:
Mark a cross in all the squares that tombs can't be.

Merchant's tomb x 1
 Artisan's tomb x 2
 Royal Scribe's tomb x 1

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

Skill:
Logical
Thinking

