

Numericore IQ Test

Daniel Fourie

Introduction

This test contains 10 numerical and 4 spatial/logical problems. Each problem yields 1 point when answered correctly, so that your maximum raw score is 14.

General instructions

The use of reference works (Facebook and Mensa International is not allowed as one of my numerical problems is posted on them with the solution) and a pocket calculator is allowed and there is no time limit. Do not discuss test items with others, either before, during, or after taking the test and regardless of the circumstance whether or not you intend to submit answers. Do not acquire answers from external sources or third persons, but only use answers that you thought of by yourself.

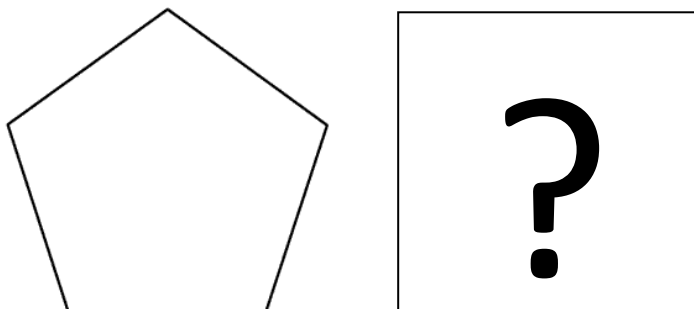
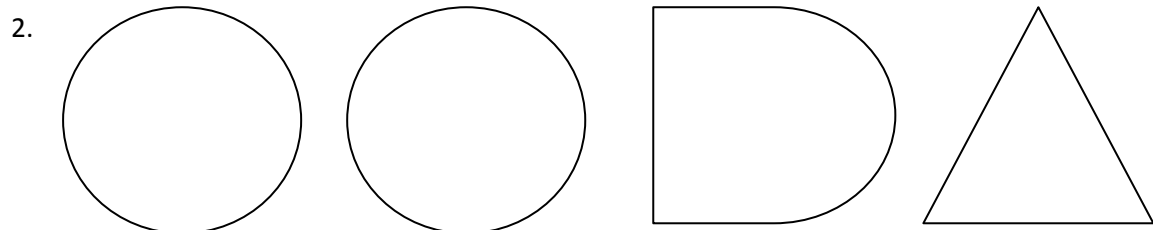
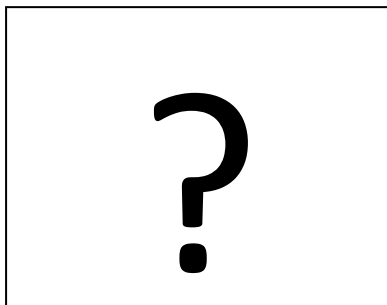
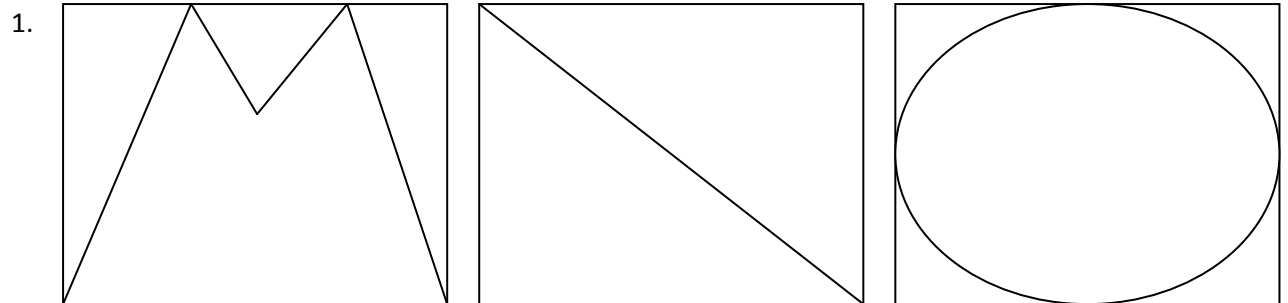
If you are worried that a particular solution of yours will not be recognised as valid, you are free to include a step-by-step explanation *separate from your answer*.

In question 10, it is not a repetitive sequence of ABIL ABIL ABIL etc.

Numerical

- 1, 3, 12, 60, ?
- A, K, C, M, F, P, ?, ?
- 120, 24, 6, 2, 1, ?
- If $30 = \frac{1}{2}$, $60 = \sqrt{3}/2$, then what does $90 = ?$
- A, K, U, E, ?
- 1, 4, 1, 5, 9, 2, ?
- If $6 + 3 = 81$, $1 + 7 = 61$, $4 + 5 = 81$, then what does $7 + 3 = ?$
- If $102 = 10609$, $105 = 11236$, $108 = 11881$, $? = 12996$
- 2448, 32168, 48626, 12124832, ?
- A, B, I, L, A, B, ?

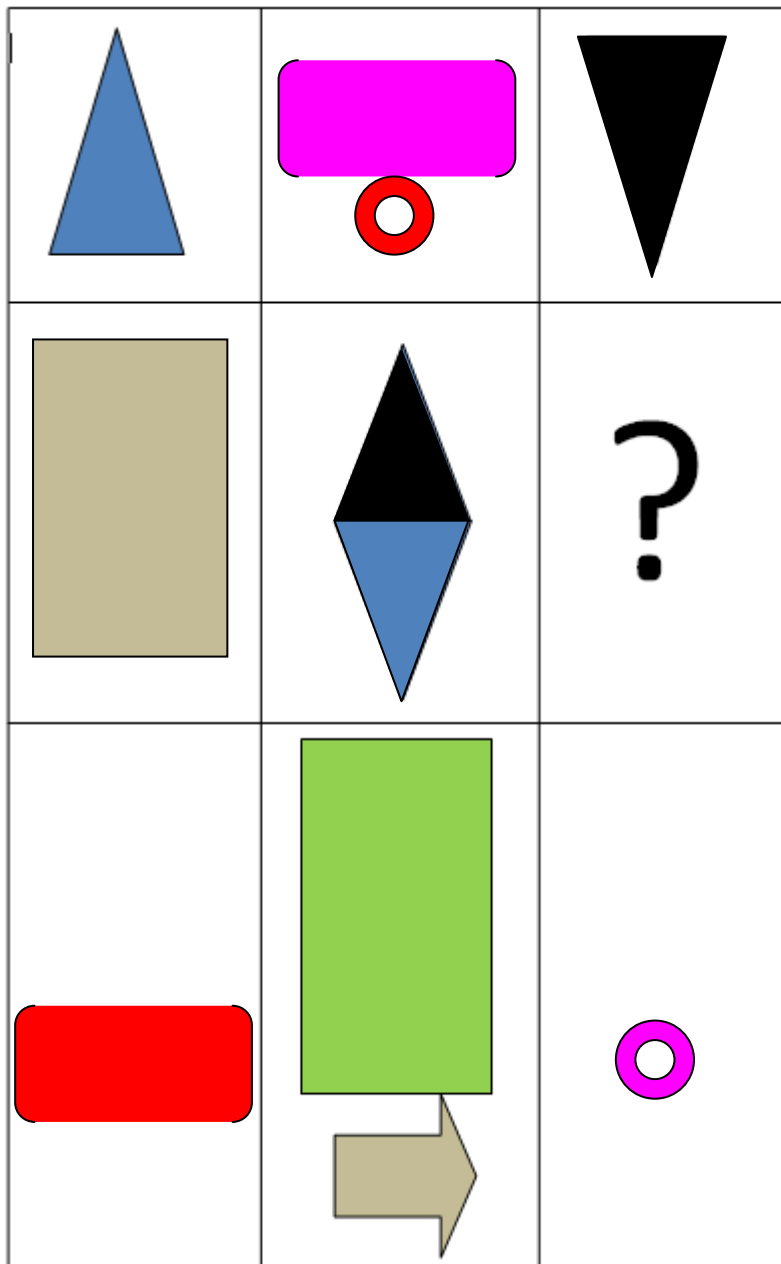
Spatial



3. Which is the odd one out?

A R B E Z

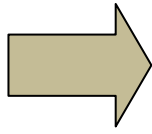
4.



Options for question 4:



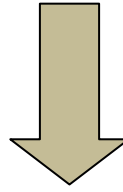
1.



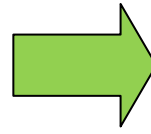
2.



3.



4.



5.

End of test

Thanks to Paul Cooijmans for the Introduction and General Instructions layout.
Thanks to Emma Fourie for the name Numericore.