

SEQUENTIA - logical intelligence

12. 16, 114, 119, 121, 141, _____ , _____ .
13. 1, 3, 6, 8, 9, 11, _____ , _____ .
14. 1, 5, 8, 10, 13, 14, _____ , _____ .
15. 1, 2, 3, 13, 25, 41, _____ , _____ .
16. 104, 201, 103, 010, 113, 014, _____ , _____ .
17. XIX, XIII, XXII, XX, XII, XIII, _____ , _____ .
18. 0, 5, 8, 1, 3, 6, 12, 10, _____ , _____ .
19. 1, 3, 7, 10, 13, 15, 17, 20, _____ , _____ .
20. III, IIIV, IIVI, IVII, VIII, VIIX, VIXI, VXII, _____ , _____ .
21. (1 , 1), (1 , 3), (3 , 1), (3 , 3), (2 , 4), (_____ , _____) .
22. (4, 9:00), (4, 3:00), (3, 10:00), (3, 4:00), (2, 11:00), (2, 5:00), (_____ , _____), (_____ , _____) .

MATHEMATICA - dimensional intelligence

23. What is D if $A=5$, $B=7$ and $C=9$ and all $A \in C$, some $B \in A$, some $B \notin C$, all $D \in B$ and all $D \in C$?
24. If you think you've got something and you have not, how many things have you got and not got?
25. How many folds are required to make a triangle with its longest length one-quarter that of a square?
26. How many times a day will an upside-down AM/PM digital watch tell the right time, ignoring dots?
27. What is one's two of two's one times two's two of one's two over two's one of two plus one of two?
28. $(AUC \cap NZC) \cup (JBM \cap BMC) \cup (((ARG \cup LUX) \cap (AUR \cup PAX)) \cap (AVE \cup REX)) \cap RUS$
29. How many edges may be seen through a hole on the vertex of a cube of internally reflecting mirrors?
30. How many 1 cm spherical marbles can fit into a cylindrical jar with a 5 cm diameter and 8 cm height?
31. How many 5 minute 5 instrument pieces of music exist with notes lasting 1 sec on the chromatic scale?
32. How many days for a complete cycle for both the ancient Mayan and Greek years of 260 and 360 days?
33. How many 3 x 1 x 1 sized bricks can fit into a 3 wide wall around a 10 x 10 square yard that is 15 high?