

Genius International Mathematical Olympiad

Sample Questions Age Group 4

If all dogs are animals, and some animals can swim, can we conclude that all dogs can swim?

- A. Yes, all dogs can swim
- B. No, not all dogs can swim

Which number is the odd one out?

- A. 15
- B. 27
- C. 45
- D. 81

If "A" is coded as 1, "B" as 3, "C" as 5, and so on, what is the code for the word "HELLO"?

- A. 40
- B. 50
- C. 60
- D. 70

Which shape is missing in the sequence?

- A. Pentagon
- B. Hexagon
- C. Heptagon
- D. Octagon

If the pattern is 2, 6, 18, 54, what number comes next?

- A. 108
- B. 162
- C. 216
- D. 324

Which letter is missing in the series? A, E, I, M, Q, _, Y

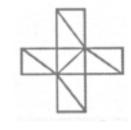
- B. U
- C. W
- D.Z

If 4 people can complete a task in 10 days, how many days will it take 8 people to complete the same task?

- A. 2.5
- B. 5
- C. 10 D. 20

How many triangles are there in the figure?

- A. 11
- B. 14 C. 16
- D. 7



Which one of the following image is the mirror reflection of figure X?

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(X)	

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(A)	(B)	(C)	(D)

Which one of the following figure should come next according to the given matrix?

