

## The Mathema High Range IQ Test by Dr Jason Betts

See the Score and Norming Data File at [www.psiq.org/lux](http://www.psiq.org/lux) for the submission instructions and guidelines.  
The use of the internet and all reference materials is recommended to research all terms not fully understood.

Find the answer that is simple, obvious, satisfies the greatest number of clues and has the simplest complexity.  
Ensure that the language and the context of the answer is consistent with the logic and phrasing of the question.

1. STAR : SLASH :: CROSS : \_\_\_\_\_

2. LINE : TRIGON :: CIRCLE : \_\_\_\_\_

3. CONE : ELLIPSE :: SPHERE : \_\_\_\_\_

4. PRIMUS : CURRENT :: ULTIMO : \_\_\_\_\_

5. CURL : CIRCUMFERENCE :: DIV : \_\_\_\_\_

6. CUBE : TETRAPOD :: TETRAHEDRON : \_\_\_\_\_

7. THREE x THREE : FOUR x FOUR :: SIX : \_\_\_\_\_

8. OPERATOR : VARIABLES :: FUNCTION : \_\_\_\_\_

9. PENTAGRAM : PENTALPHA :: HEXAGRAM: \_\_\_\_\_

10. 6, 8, 9, 10, 12, 14, \_\_\_\_\_

11. 6, 11, 18, 27, 38, 51, \_\_\_\_\_

12.  $\frac{1}{2}$ ,  $\frac{1}{3}$ ,  $\frac{2}{5}$ ,  $\frac{3}{7}$ ,  $\frac{5}{11}$ ,  $\frac{8}{13}$ ,  $\frac{13}{17}$ , \_\_\_\_\_

13. 1, 3, 7, 10, 13, 15, 17, 20, \_\_\_\_\_ , \_\_\_\_\_

14. III, IIIV, IIVI, IVII, VIII, VIIX, VIXI, VXXII, \_\_\_\_\_ , \_\_\_\_\_

15. (-3,1), (-3,-1), (-2,-1), (-1,1), (0,-1), (1,1), (2,1), (2,-1), (\_\_\_\_\_,\_\_\_\_\_), (\_\_\_\_\_,\_\_\_\_\_)

16. (4, 9:00), (4, 3:00), (3, 10:00), (3, 4:00), (2, 11:00), (2, 5:00), (\_\_\_\_\_,\_\_\_\_\_), (\_\_\_\_\_,\_\_\_\_\_)