

The Lux25 High Range IQ Test by Dr Jason Betts

See the Score and Norming Data File at 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. The Lux25 is one of the simplest and most accurate high ranges. It can be completed quickly, or with research.

Which word in each item is the most different and does not belong?

Four have the same class.

- | | | | | | | |
|----|------------|-----------|-------------|----------|--------|-------|
| 1. | Slide, | Roll, | Slip, | Step, | Spin | _____ |
| 2. | Light, | Sun, | Candle, | Moon, | Stars | _____ |
| 3. | Love, | Respect, | Compassion, | Sadness, | Greed | _____ |
| 4. | Aluminium, | Titanium, | Steel, | Iron, | Copper | _____ |
| 5. | Solid, | Liquid, | Smoke, | Vapour, | Plasma | _____ |

Which associated word describes how these terms are most related?

One word connects them.

- | | | | | | | |
|-----|------------|---------------|----------|----------|---------|-------|
| 6. | 501734.705 | | | | | _____ |
| 7. | 2.71, | $\sqrt{-1}$, | 3.14, | -1, | 0 | _____ |
| 8. | Kitchen, | Living, | Bed, | Laundry, | Bath | _____ |
| 9. | Fruit, | Leaf, | Root, | Score, | Flower | _____ |
| 10. | Bio, | Chemo, | Electro, | Fluoro, | Phospho | _____ |

As the First term is to the Second, so the Third term is to the Fourth

Apply the same logic.

- | | | |
|-----|------------------------------|-------|
| 11. | WIT : KEN :: ZEN : ? | _____ |
| 12. | KILL : LIKE :: LIFE : ? | _____ |
| 13. | GO : ATARI :: CHESS : ? | _____ |
| 14. | HITLER : HOOVER :: ZEUS : ? | _____ |
| 15. | CLARION : MACH :: CLARUS : ? | _____ |

How to solve the logical inferences in Questions 11 to 15:

- 000) The trick to every item is to work out what the question is asking, just like in school, so read carefully.
- 001) Ask, What do A and B have in common? This is the most important thing. List as many as you can!
- 010) Then work out the process of going from A to B. Does this process relate to C in ANY way?
- 011) If yes, can this process be applied to C? If yes, does answer D relate to B in any way? (Clue?)
- 100) Do this for all possible solutions of how A and B relate, and then test them against C to D.
- 101) Assess each working answer for elegance, spelling, word play, symmetry, simplicity and patterns.

Which number comes next in the series for the simplest solution?

Find the simplest pattern.

16. 1, 4, 7, 10, 13, _____

17. 1, 4, 9, 16, 25, _____

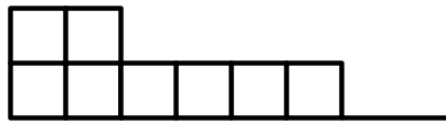
18. 17, 19, 23, 29, 31, _____

19. 1, 101, 10101, 1010101, _____

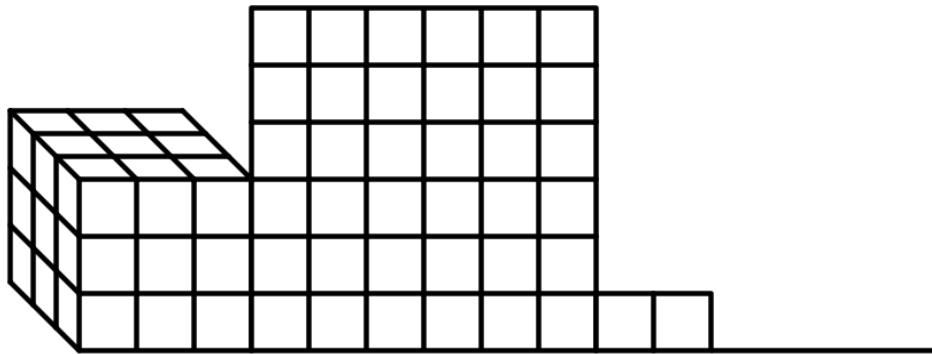
20. 0.618, 1, 1.618, 2.618, _____

21. (1, 1), (1, 3), (3, 1), (3, 3), (2, 4), (_____, _____)

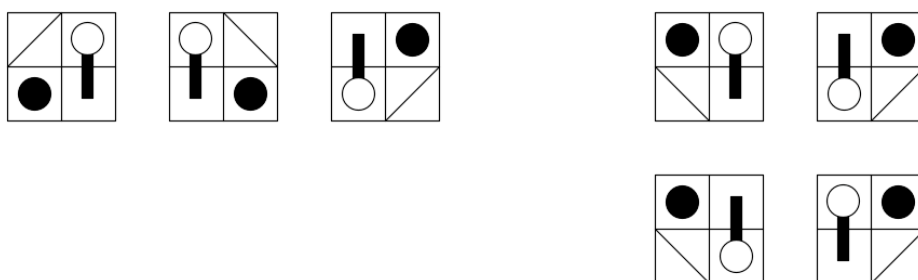
22. Decode and Solve: _____



23. Decode and Solve: _____



24. Which one comes fourth? (Top left, Top right, Bottom left, Bottom right) _____



25. Which one comes fourth? (Top left, Top right, Bottom left, Bottom right) _____

