Neurological Nasties XXVII

www.mathxtc.com

1. Can you find the hidden meaning behind each of these ?

(a) LE / VEL

(b) KNEE | LIGHTS |

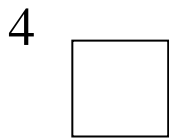(c) $\dfrac{0}{\text{MD PHD BSc BEd}}$

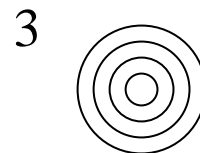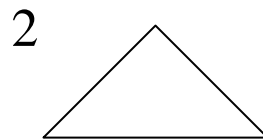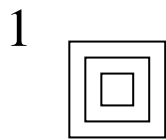(d) THINGS **PLEASE** MINDS

(e) TONE TONE

(f) HE'S / HIMSELF

(g) R R O A D S A D S

(h) ECNALG

2. Study carefully the patterns of shapes below. Can you determine the next three in the series?

1   2   3
4   5   6
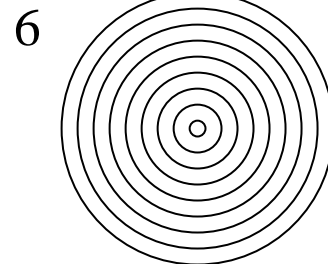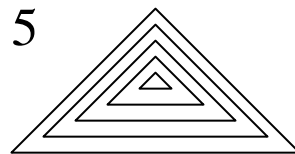
3. The number 24 has the following properties:
   - It is one short of a square number. $24 + 1 = 25 = 5^2$
   - Its double is also one less than a square number. $(24 \times 2) + 1 = 49 = 7^2$

   Determine the next number which has the same property.
   (Hint: Use a computer spreadsheet or calculator.)