

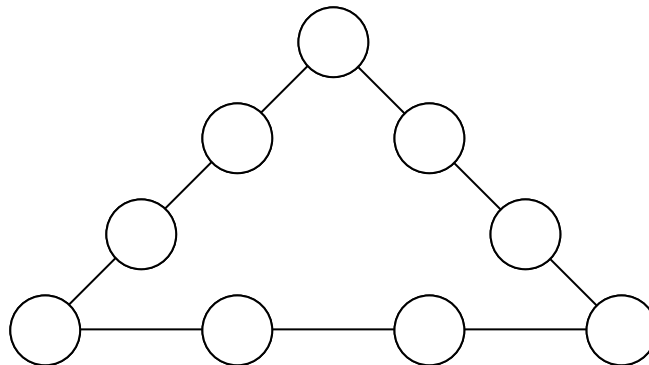


Neurological Nasties XXI

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- Simon Stinkus is a fisherman. He is over 6 feet tall, is wearing his socks, takes XXL in clothes and wears size 14 shoes. What do you think he weighs ?
 - A man and his wife were driving through the country late one night when the car broke down. The man had to get help but was nervous to leave his wife alone in the car. However, there was absolutely no question of her coming too. He told her to lock all the doors, keep the windows shut and wait for him to return. Under no circumstances was she to let anyone else into the car. The wife did as she was told, but, even so, when the man returned to the locked car his wife was entertaining two strangers. What had happened ?
 - What number am I ? I am a whole number. If you remove my head then I am even, and if you cut off my tail, then I am somebody's mother.
- Insert the digits from 1 to 9 into this diagram so that the total of the four numbers along each side is seventeen. The numbers at the corners will, of course, be included in the totals of the adjacent sides.



- The year is 1856 and you are in charge of an expedition to find the lost city of Euclid to find the hidden treasure. "Euclidian Mathematical Proofs."

To reach Euclid you will be required to travel across a large desert on foot. On a large trek like this each person can only carry enough rations for five days and the farthest you can travel in one day is 30 km. Euclid is 120 km from your starting point.

Determine the smallest number of people, including yourself, that you will need in your party so that you alone can reach Euclid, stay over-night, and then return back to your starting point without running out of supplies.

The shape of future mathematics classes is in your hands!