



Neurological Nasties XLIX

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1. Joshua's age has the same figures as his dad's with the digits reversed. The sum of their ages is 99 and Joshua is 27 years younger than his dad. How old is Joshua ?
2. Thirty people attended a meeting. If each person shook hands with every other person, how many handshakes were there altogether?



3. How many squares and rectangles are there in a 4×5 grid ?
How many squares and rectangles are there in a $n \times m$ grid ?

