

***** Mathematical Weekly *****
(Week 22)

A Magic Number – 9

- 1) Pick any number from {1, 2, 3, 4, 5, 6, 7, 8, 9}
- 2) Multiply it by 3
- 3) Add 3 to it
- 4) Again, multiply the result by 3
- 5) I'm sure you now have a 2-digit number, so add the two digits together
- 6) Don't tell me — I know your answer is 9