



TG 1 How many numbers greater than 5000 can be formed with the digits 2, 3, 5, 7, 9 if no digit is repeated?
PC

$$\text{4-digit numbers: } 3 \times 4 \times 3 \times 2 = 72$$

$$\text{5-digit numbers: } 5 \times 4 \times 3 \times 2 \times 1 = 120$$

$$\begin{aligned} \text{Total} &= 72 + 120 \\ &= 192 \end{aligned}$$

* These solutions have been provided by [projectmaths](http://projectmaths.com.au) and are not supplied or endorsed by NESA.

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