

Regularitats

1. Repunit

$$11 \times 11 = 121$$

$$111 \times 111 = 12321$$

$$1111 \times 1111 = 1234321$$

$$11111 \times 11111 = 123454321$$

...

I el que fa 10 uns? I el que fa 15? I el que fa 23? Per què?

2. Surten repetits!

37 x múltiples de 3 (fins a 27)

$$37 \times 3 = 111$$

$$37 \times 6 = 222$$

$$37 \times 9 = 333$$

...

3. Tots en cercle!

142857* (multiplicats de l'1 al 6)

$$142857 \times 1 = 142857$$

$$142857 \times 2 = 285714$$

$$142857 \times 3 = 428571$$

...

4. Trobam els uns

$$1 \times 9 + 2 =$$

$$12 \times 9 + 3 =$$

$$123 \times 9 + 4 =$$

$$1234 \times 9 + 5 =$$

...

$$123456789 \times 9 + 10 =$$

$$1234567890 \times 9 + 101 =$$

$$12345678901 \times 9 + 1002 =$$

$$123456789012 \times 9 + 10003 =$$

5. Trobam els nombres al revés

$$1 * 8 + 1 = 9$$

$$12 * 8 + 2 = 98$$

$$123 * 8 + 3 = 987$$

$$1234 * 8 + 4 = 9876$$

$$12345 * 8 + 5 = 98765$$

$$123456 * 8 + 6 = 987654$$

$$1234567 * 8 + 7 = 9876543$$

$$12345678 * 8 + 8 = 98765432$$

$$123456789 * 8 + 9 = 987654321$$