Multiply by 9: Strategies

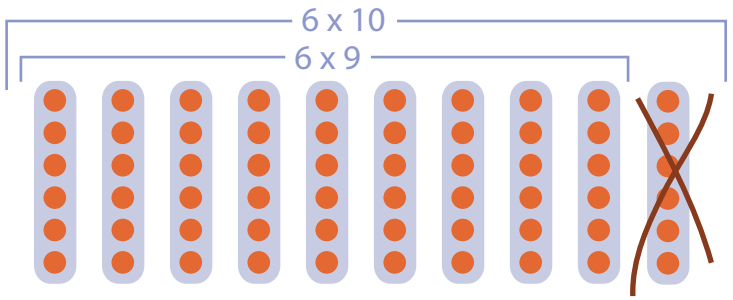
Solve the 9s times tables below.

9 x 1 = ____	9 x 4 = ____	9 x 7 = ____	9 x 10 = ____
9 x 2 = ____	9 x 5 = ____	9 x 8 = ____	9 x 11 = ____
9 x 3 = ____	9 x 6 = ____	9 x 9 = ____	9 x 12 = ____

Do you notice anything interesting about the products of all of the 9s tables?
You may have noticed that all the digits of each product add up to equal 9!

There are many different strategies for solving 9s tables. One strategy that many students find helpful is to multiply by 10 first...

6 x 9 ⇨ (6 x 10) – 6 ⇨ 60 – 6 = 54



Try this strategy!

7 x 9 = ____ 9 x 9 = ____ 4 x 9 = ____ 8 x 9 = ____ 3 x 9 = ____