# Use known multiplication facts to derive our 6 times table

Maths

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**Part A**

**Use your 3 times tables to answer these questions.**

1) **8 x 6 =**
2) **10 x 6 =**
3) **12 x 6 =**
4) **5 x 6 =**

5) **Tim needs more space in his restaurant so he is opening a new room upstairs. He has plenty of tables but not enough chairs. He has 4 large tables big enough for 6 chairs each. How many chairs should he buy?**

# Part B
# From today's learning, what do you think about these statements?

**Always, sometimes or never?**

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When you multiply any whole number by 6, it will always be an even number.

Multiples of 6 are also multiples of 3.

**How can you prove it?**

# <u>Part C - challenge (Tip: drawing pictures or diagrams might help).</u>

Eggs come in boxes of 6.

- Mr Black has twice as many eggs as Mrs White.
- Mrs Green has 6 boxes of eggs.
- Mrs White has 4 more boxes of eggs than Mr Brown.
- Mr Brown has 18 eggs.

How many eggs does each person have?