Wednesday 24th June - Maths

1. Can you complete these times tables questions in a minute?

a) 8 x 2 = 16   e) 8 x 3 = 24   i) 8 x 6 = 48
b) 8 x 5 = 40   f) 8 x 0 = 0   j) 8 x 11 = 88
c) 8 x 10 = 80   g) 8 x 4 = 32   k) 8 x 9 = 72
d) 8 x 1 = 8   h) 8 x 8 = 64   l) 8 x 7 = 56

2. Use column method for these multiplication questions. Have a go at the challenge!

a) 13 x 8 = 104	a) 8 x 79 = 632
b) 8 x 28 = 224	b) 99 x 8 = 792
c) 32 x 8 = 256	c) 106 x 8 = 848
d) 40 x 8 = 320	d) 121 x 8 = 968

3. Miss Malik and Miss Davis go shopping for some books for their classroom. The books are £8.00 each. Miss Malik buys seven books and Miss Davis buys eight books.

a) How much does Miss Malik spend? £56.00
b) How much does Miss Davis spend? £64.00
c) How much do they spend altogether? £120.00

4. Solve the following:

Dan calculates 8 x 6 by doing 5 x 6 and 3 x 6 and adding them.

30 + 18 = 48

Ron calculates 8 x 6 by doing 4 x 6 x 2
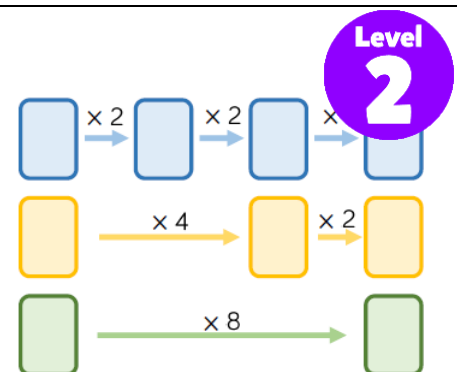
24 x 2 = 48

Whose method do you prefer? Explain why.

Start each function machine with the same number.

What do you notice about each final answer? Each time the final number is 8 times greater than the starting number.

Kim knows the 4 times table, but is still learning the 8 times table. Which colour row should she use? Why?

Kim should use the yellow row because he can double each multiple of 4 to calculate a number multiplied by 8. For example, 4 x 6 = 24 so 8 x 6 is double that which is 48.