Welcome to the WQE Maths department.

The following assignment should be completed

* **without** using a calculator
* answers written out by hand
* on a separate sheet of **A4 paper** with your **name**
* showing **all** your **working**

Bring your answers to your first maths lesson.

1. Work out the value of
2. 6 + 4 x 7
3. 9 – 3 ÷ 2
4. 7 x (8 – 4)
5. 36 ÷ (4 x 3)
6. 36 ÷ 4 x 3
7. (2 + 7)²
8. 2 + 7²
9. $\sqrt{9+16}$
10. $\sqrt{9}+16$
11. $\frac{48 - 12}{3²}$
12. $\frac{\sqrt{57 - 8}}{3² - 2}$
13. $9+3² ÷\left(5-2\right)^{2}+1$
14. (1 ÷ 23)2
15. (2.1 x 10²) – (1.9 x 10)
16. Make these expressions correct by replacing the \* with +, -, ÷ or ×

Use brackets if you need to:-

1. 6 \* 8 \* 4 = 24
2. 3 \* 2 \* 3 \* 2 = 25
3. 7 \* 7 \* 7 \* 7 = 49
4. 1 \* 2 \* 3 \* 4 = –7