Year 8 Assessment

Full Name	Current Grade
Date	Phone Number

Show all working on these sheets.
Do NOT use a calculator.

1. $43\overline{)6579}$

2. $\begin{array}{r} 4276 \\ \times\ \ 68 \\ \hline \\ \hline \end{array}$

3. $\begin{array}{r} 7025 \\ -\ 3877 \\ \hline \end{array}$

4. $53 - 23 \times 2 + 14 = $ _____

5. $1{\cdot}3 = $ _____ %

6. $1\frac{1}{2} \div 3\frac{3}{4} = $ _____

7. $0{\cdot}123 - 4 =$ _____

8. Simplify the following ratio : $4{\cdot}9 : 1{\cdot}4 =$

9. The ratio of boys to girls is **4:3**.

   There are **756** students in total.

   a. How many girls are there?

   b. How many boys are there?

10. Expand $(4a + 6)(3a - 3) =$ _____

    Expand then simplify the following expression
11. $3(4a + 3) - 2(a - 2)$

12. Solve for n : $\quad 3(n + 2) = 2n + 7$

13. Change **125%** to a mixed numeral =

14. How many vertices does a triangle have?

15. Simplify $\quad \dfrac{3x}{4} + \dfrac{2x}{3}$