



Year 9 Assessment

Full Name	Current Grade
Date	Phone Number

Show all working on these sheets.

Do NOT use a calculator.

1. $6.825 \div 0.04 =$

2. $27^{\frac{1}{3}} =$

3. $742 \div (-7) =$

4. $1\frac{7}{8} \div \frac{3}{4} =$

5. $3\frac{1}{2} + 4\frac{3}{5} =$

6. $25 - 3 \times 8 + 25 \div 5 =$

7. Express **6.25%** as a fraction in its simplest form =

8. Solve the following : $-6x \div 18xy =$

9. Simplify this fraction by factoring: $\frac{5(a + b) - a(a + b)}{7a + 7b}$

10. Using the distance formula find the distance between the points **(3 , 8) and (5 , 4) =**

11. Simplify the following: $(2x^3)^3 \div 8x^8 =$

12. Find the surface area of a cylinder with a radius of **6cm** and a height of **9cm** :

13. Factorise completely : $5x^2y - 3xy^2 =$

14. Simplify the ratio: **420ml : 200ml =**

15. Expand then simplify : $5(2x - 3) + 3(x - 1)$

Please fax to 1300 133 865 on completion	
Result	Recommended Program
Marked By	Date