

Back To The Future Education (Australia) Pty Ltd ABN 96 091 551 683

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

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

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: $\frac{5(a+b) a(a+b)}{7a + 7b}$

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

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

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