



1) Find the equation of the line parallel to  $3y + 6x = 5$  passing through the point  $(4, -3)$

2) Simplify  $\frac{2x-5}{3} - \frac{2x-4}{6}$

3) Sketch the graph of  $y = x^3$

4) A pressure of  $24 \text{ N/m}^2$  results from a force of  $12 \text{ N}$  acting over an area  $x \text{ m}^2$ . Find  $x$

5) Rationalise the denominator

$$\frac{6\sqrt{7}}{\sqrt{7} - 1}$$