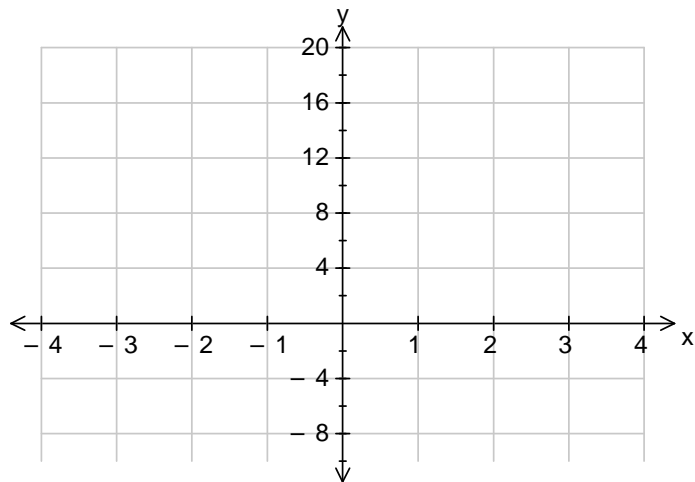


(C1-4.4) Name:

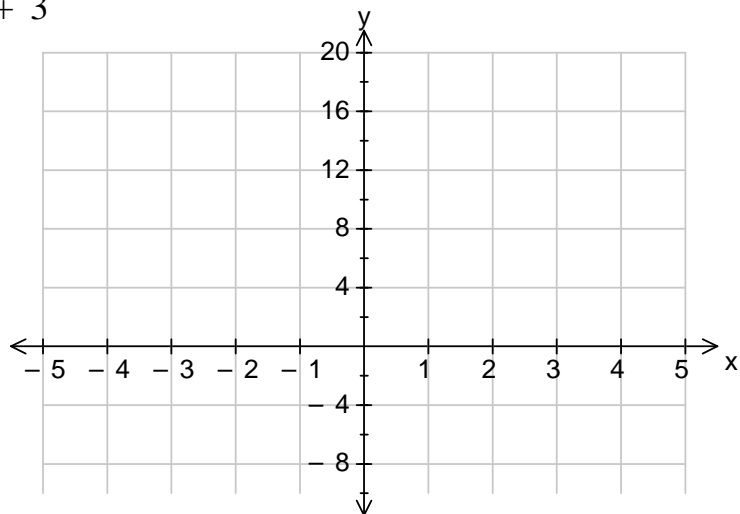
Homework Questions 4 – Sketching Curves to Find Intersections

- Plot the following pairs of graphs on the axis below
- State the number of points of intersection
- Write down a suitable equation which would give the x coordinates of the point of Intersection
- Find the x coordinates of the points of intersection

a) $y = x^2$ $y = x(x^2 - 3)$



b) $y = 5x$ $y = (x - 2)^2 + 3$



c) $y = \frac{4}{x}$ $y = x - 3$

