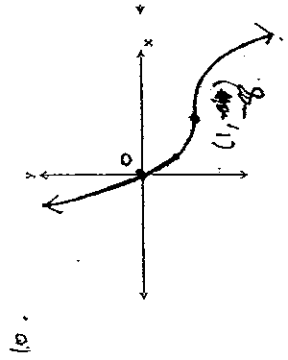
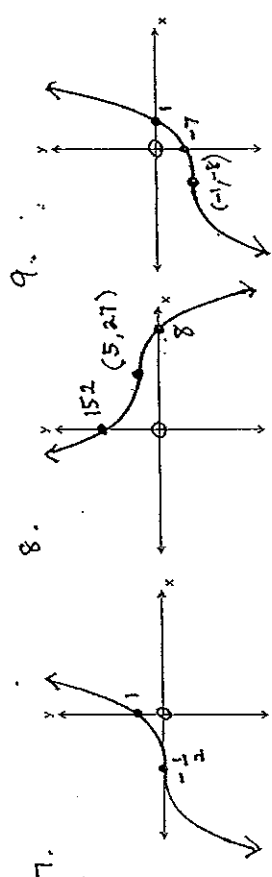
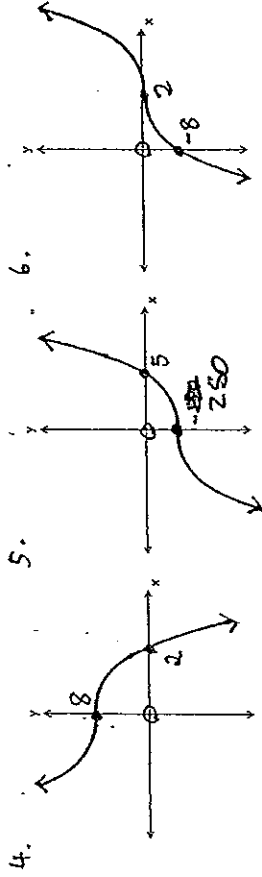
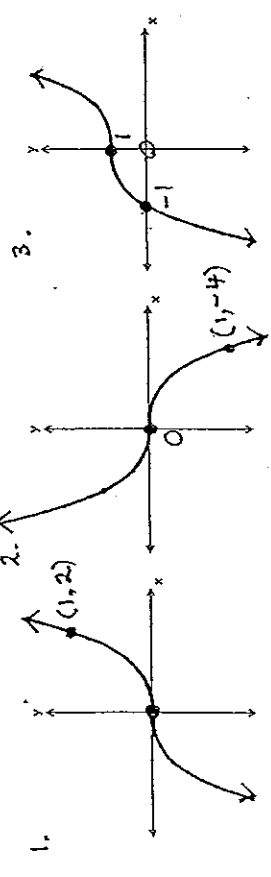


<p>Ex. F&G 5 – Cubic Graphs</p>	<p>Ex. F&G 7 – Exponential Graphs</p>
<p>Sketch the following :</p> <ol style="list-style-type: none"> 1. $y = 2x^3$ 2. $y = -4x^3$ 3. $y = x^3 + 1$ 4. $y = 8 - x^3$ 5. $y = 2x^3 - 250$ 6. $y = (x - 2)^3$ 7. $y = (2x + 1)^3$ 8. $y = 27 - (x - 5)^3$ 9. $y = (x + 1)^3 - 8$ 10. $y = -8 - (2x - 2)^3$ 	<p>Sketch the following :</p> <ol style="list-style-type: none"> 1. $y = 3^x$ 2. $y = 3^{-x}$ 3. $y = -2^x$ 4. $y = -5^{-x}$ 5. $y = 4^x + 1$ 6. $y = 2^x - 8$ 7. $y = 3^{-x} + 4$ 8. $y = 16 - 4^{-x}$ 9. $y = -3 - 2^{-x}$ 10. $y = 3 \times 5^x$
<p>Ex. F&G 6 – Hyperbolic Graphs</p>	<p>Ex. F&G 8 – Semi-circle Graphs</p>
<p>Sketch the following :</p> <ol style="list-style-type: none"> 1. $y = \frac{2}{x}$ 2. $y = \frac{-3}{x}$ 3. $y = \frac{4}{x} + 2$ 4. $y = 6 - \frac{1}{x}$ 5. $y = \frac{4}{x - 2}$ 6. $y = \frac{-3}{x + 4}$ 7. $y = \frac{2}{3x + 1}$ 7. $y = \frac{3}{x + 1} - 4$ 8. $y = 3 - \frac{4}{x - 2}$ 9. $y = \frac{4}{5x + 2} + 3$ 10. $y = \frac{6}{2 - x}$ 	<p>Sketch the following :</p> <ol style="list-style-type: none"> 1. $y = \sqrt{9 - x^2}$ 2. $y = -\sqrt{16 - x^2}$ 3. $x = \sqrt{25 - y^2}$ 4. $x = -\sqrt{10 - y^2}$ 5. $y + \sqrt{1 - x^2} = 0$ 6. $y = \sqrt{25 - x^2} + 3$

Ex. F&G 5

GRAPHS: Solutions



Ex. F&G 6

GRAPHS: Solutions

