

MAC1105 College Algebra
1.6 Practice Problems

Solve the following equations

1. $2x^3=6x^2$

2. $x^3+2x^2-9x-18=0$

3. $\sqrt{4x+16}-1=x$

4. $\sqrt{x-4}+\sqrt{x+1}=5$

5. $2x^{\frac{3}{2}}-16=0$

6. $x^{\frac{2}{3}} - 25 = 0$

7. $x^4 - 13x^2 + 36 = 0$

8. $2x^{\frac{2}{3}} + 7x^{\frac{1}{3}} + 5 = 0$