

Math 1215

HW – 10

Name.....

SOLVE :

1. $\sqrt{2x-5} = 7$

2. $\sqrt[3]{3x-1} = -2$

3. $\sqrt{2x-5} - 2 = 3$

4. $4\sqrt{2x} = 12$

Simplify :

5. $\sqrt{a^6b^{10}}$

6. $\sqrt{49a^4b^{12}}$

7. $\sqrt{121x^{14}y^6}$

8. $\sqrt{12} - 2\sqrt{3} + \sqrt{75}$

9. $8\sqrt{5} - \sqrt{45} - \sqrt{80}$

10. $\sqrt{\frac{y^8}{x^{12}}}$

11. $\frac{\sqrt[3]{250x^5y^7}}{\sqrt[3]{2x^2y}}$