

ALL PROBLEMS CAN BE COMPLETED ON THIS WORKSHEET

**WS 14A.1 - Simplifying Irrational Radicals**

#1-14, Simplify each radical expression.

1.  $\sqrt{24}$

2.  $\sqrt{98}$

3.  $\sqrt{288}$

4.  $\sqrt{75}$

5.  $\sqrt{200x^2}$

6.  $\sqrt{63x^{10}}$

7.  $\sqrt{8b^3}$

8.  $\sqrt{5c^5}$

9.  $-\sqrt{120m^6}$

10.  $\sqrt{121d^9}$

11.  $\sqrt{4a^2b}$

12.  $\sqrt{50x^6y^9}$

13.  $\sqrt{128x^5}$

14.  $\sqrt{m^{20}n^{13}p}$