**Determining Domain and Range of Trig Functions**

Please answer each question. Staple your work to this sheet (write on separate sheet of paper). Cleary identify your final answer!!

**No work or explanation = No Credit**

Directions: for each function, identify the domain and range.

1. $y=2 tanx$ 2. $y=tan⁡(x+\frac{π}{4})$

3. $y=cot⁡(x-\frac{π}{6})$ 4. $y=-3tan\frac{x}{3}$

5. $y= -\frac{1}{4}cotx$ 6. $y=-tan3x$

7. $y=-2tan⁡(6x- π)$ 8. $y=cot\frac{π}{2}$

9. $y=\frac{1}{5}csc2x$ 10. $y=csc⁡(4x+\frac{7π}{6})$

11. $y=sec⁡(x+π)$ 12. $y= -2csc3x$

13. $y=4sec⁡(x-\frac{3π}{4})$ 14. $y=sec⁡(\frac{x}{5}-\frac{π}{5})$