Find the exact values of the following:

1. \( \sin^{-1} (0) \)  
2. \( \cos^{-1} (0) \)  
3. \( \tan^{-1} (0) \)

4. \( \sin^{-1} \left( \frac{\sqrt{2}}{2} \right) \)  
5. \( \cos^{-1} \left( \frac{\sqrt{2}}{2} \right) \)  
6. \( \sin^{-1} \left( \frac{1}{2} \right) \)

7. \( \cos^{-1} \left( \frac{1}{2} \right) \)  
8. \( \tan^{-1} (1) \)

9. The domain of arcsine is __________ and the range is __________.

10. The domain of arccosine is ____________ and the range is __________.

11. Find \( \sin^{-1} \left( \sin \left( \frac{\pi}{6} \right) \right) \)

12. Find \( \tan \left( \sin^{-1} \left( \frac{1}{2} \right) \right) \)

13. Find \( \tan \left( \sin^{-1} (x) \right) \)