Aarush's Super Awesome Precalculus Test's Answers

1. $\frac{\pi}{2}$

2. No amplitude for csc

3. $\frac{3}{2}$

4. 3

5. Not any of the answer choices because argument isn't in radians

6. $\frac{\sqrt{10-2\sqrt{5}}}{4}$

7. $\arccos\left(\frac{11}{7\sqrt{12}}\right)$

8. 21

9. 4

10. $\frac{1}{3}$

11. 22

12. π

13. 2π

14. 1011

15. 1

16. -2

17. x

18. $xt = 1$

19. $\frac{2}{3}$

20. 100

21. 4044π

22. 63

23. $\frac{3\pi}{4}$

24. 2π

25. $\frac{9\pi}{5}$

26. -11

27. 30°

28. 69

29. $\frac{5}{2}$

30. No period because sum of squares + 1 can't be 0