



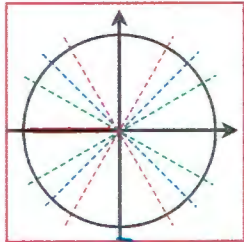
ชื่อ-นามสกุล

แบบฝึกหัด ตรีโกณมิติ

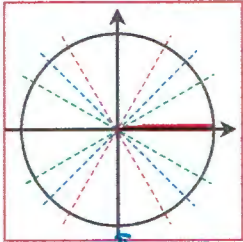
เลขประจำตัว ID. 1

จงเขียนมุมในข้อ T01 ถึง T20 ในตำแหน่งมาตรฐาน

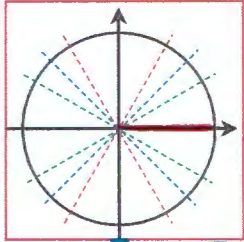
T01. $-9\pi > \pi$



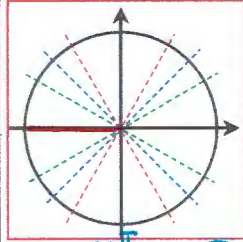
T02. $-8\pi > 0$



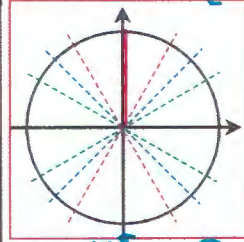
T03. $\pi > 0$



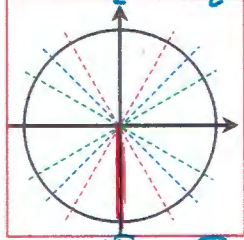
T04. $11\pi > \pi$



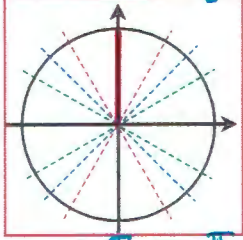
T05. $\frac{5\pi}{2} > \frac{\pi}{2}$



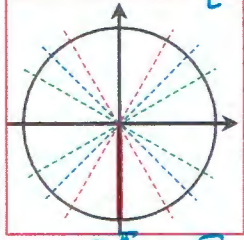
T06. $-\frac{3\pi}{2} > \frac{3\pi}{2}$



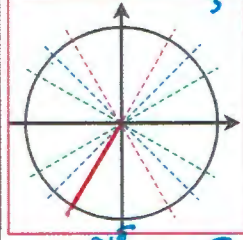
T07. $-\frac{3\pi}{2} > \frac{\pi}{2}$



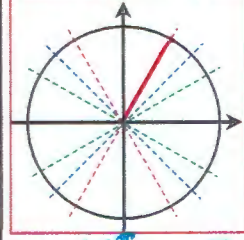
T08. $\frac{3\pi}{2} > \frac{3\pi}{2}$



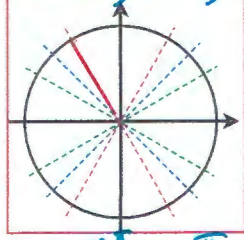
T09. $-\frac{3\pi}{3} > \frac{4\pi}{3}$



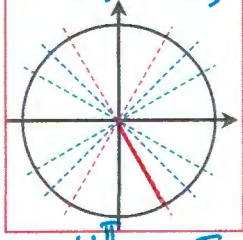
T10. $\frac{3\pi}{3} > \frac{\pi}{3}$



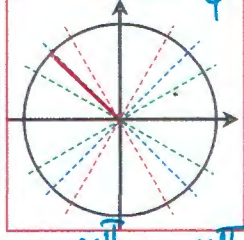
T11. $-\frac{5\pi}{3} > \frac{2\pi}{3}$



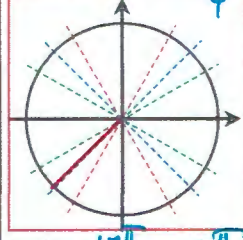
T12. $\frac{4\pi}{3} > \frac{5\pi}{3}$



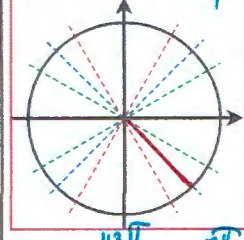
T13. $-\frac{8\pi}{4} > \frac{3\pi}{4}$



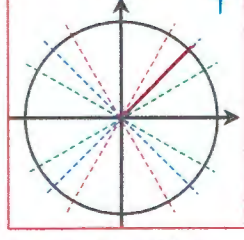
T14. $-\frac{9\pi}{4} > \frac{5\pi}{4}$



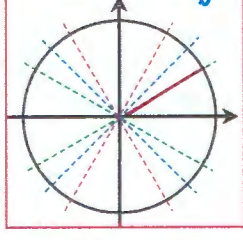
T15. $\frac{4\pi}{4} > \frac{\pi}{4}$



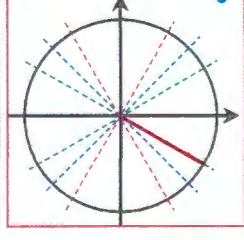
T16. $\frac{13\pi}{6} > \frac{\pi}{6}$



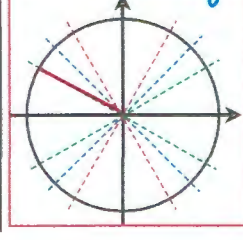
T17. $\frac{6\pi}{6} > \frac{\pi}{6}$



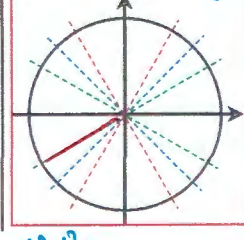
T18. $\frac{13\pi}{6} > \frac{11\pi}{6}$



T19. $-\frac{6\pi}{6} > \frac{5\pi}{6}$

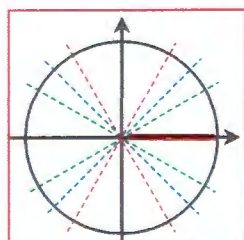


T20. $-\frac{13\pi}{6} > \frac{\pi}{6}$

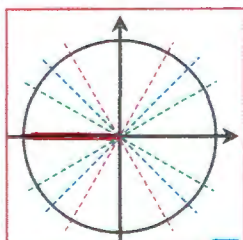


ข้อ T21 ถึง T44 จงหาค่าตรีโกณมิติ

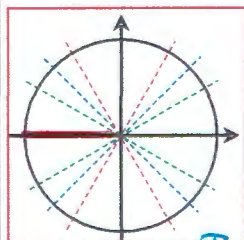
T21. $\cos(-12\pi) = 1$



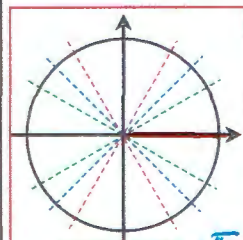
T22. $\sin(9\pi) = 0$



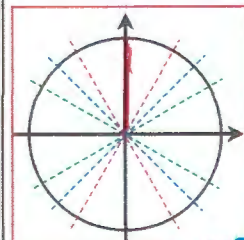
T23. $\tan(9\pi) = 0$



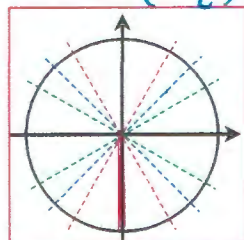
T24. $\csc(10\pi) = 1$



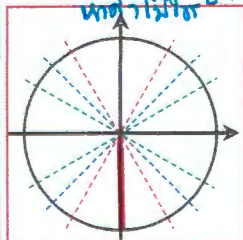
T25. $\sin(-\frac{19\pi}{2}) = 1$



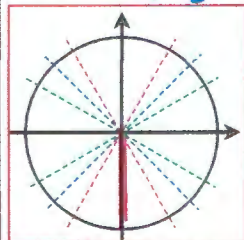
T26. $\cos(-\frac{15\pi}{2}) = 0$



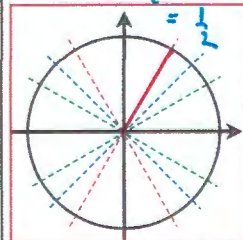
T27. $\tan(-\frac{11\pi}{2})$
หาค่าไม่ได้อ



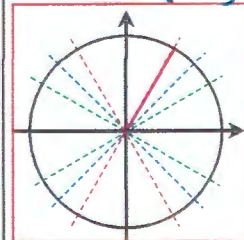
T28. $\cot(\frac{35\pi}{2}) = 0$



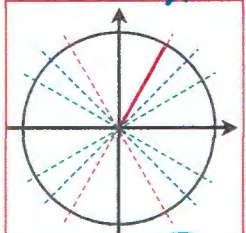
T29. $\cos(\frac{49\pi}{3}) = \frac{1}{2}$



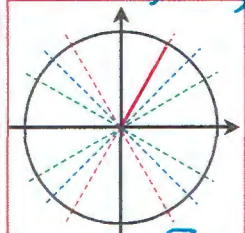
T30. $\sin(-\frac{29\pi}{3}) = \frac{\sqrt{3}}{2}$



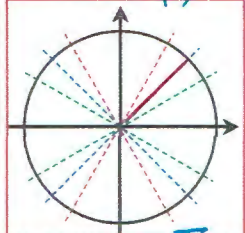
T31. $\tan\left(-\frac{31\pi}{5}\right) = \sqrt{3}$



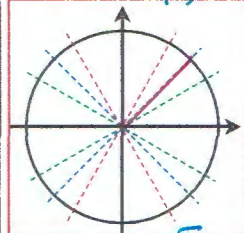
T32. $\csc\left(\frac{31\pi}{3}\right) = \frac{2\sqrt{3}}{3}$



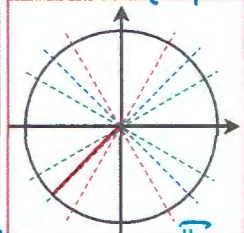
T33. $\sin\left(\frac{49\pi}{4}\right) = \frac{\sqrt{2}}{2}$



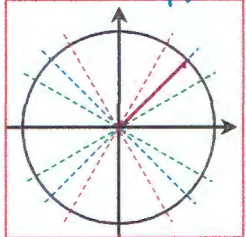
T34. $\cos\left(\frac{33\pi}{6}\right) = \frac{\sqrt{2}}{2}$



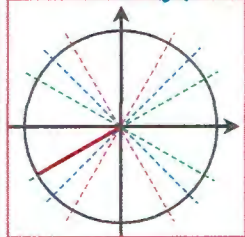
T35. $\cot\left(-\frac{27\pi}{4}\right) = 1$



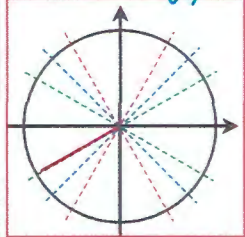
T36. $\tan\left(\frac{33\pi}{6}\right) = 1$



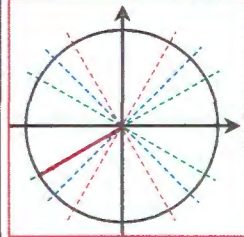
T37. $\cos\left(-\frac{65\pi}{6}\right) = -\frac{\sqrt{3}}{2}$



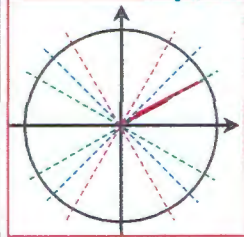
T38. $\sin\left(\frac{79\pi}{6}\right) = -\frac{1}{2}$



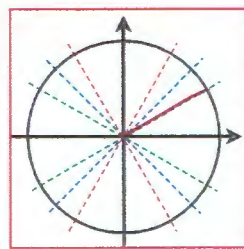
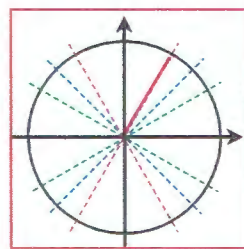
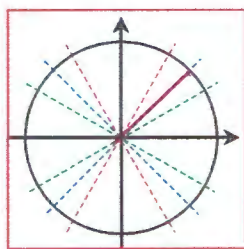
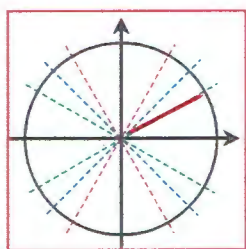
T39. $\sec\left(\frac{103\pi}{6}\right) = -\frac{\sqrt{3}}{3}$



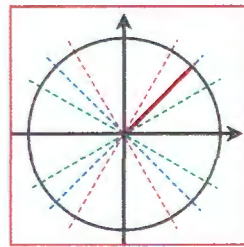
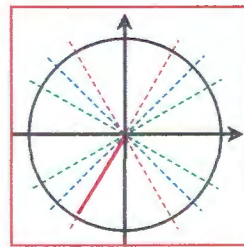
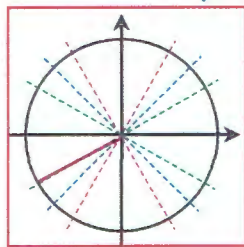
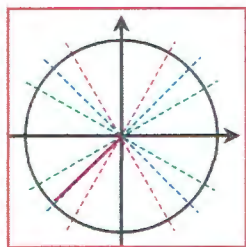
T40. $\csc\left(\frac{85\pi}{6}\right) = 2$



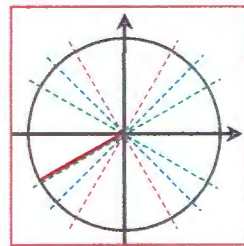
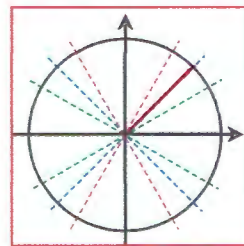
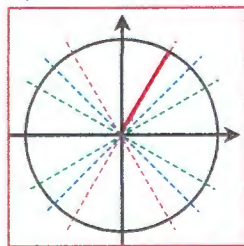
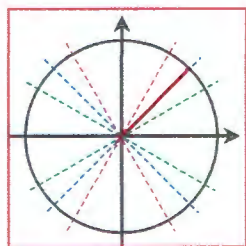
T41. $9\sqrt{3} \sec\left(-\frac{83\pi}{6}\right) - 4 \cot\left(\frac{33\pi}{4}\right) + 18 \cos\left(\frac{25\pi}{3}\right) \sqrt{3} \tan\left(\frac{61\pi}{6}\right) = 18 - 4 + 9 = 23$



T42. $\sqrt{2} \sec\left(\frac{29\pi}{4}\right) - 4 \sin\left(\frac{107\pi}{6}\right) - 9\sqrt{3} \csc\left(\frac{46\pi}{3}\right) + 2\sqrt{2} \cos\left(-\frac{47\pi}{4}\right) = -2 + 2 + 18 + 2 = 20$



T43. $2\sqrt{2} \sin\left(-\frac{23\pi}{6}\right) - 36 \cot\left(-\frac{29\pi}{3}\right) \sqrt{2} \cos\left(-\frac{23\pi}{4}\right) \tan\left(-\frac{65\pi}{6}\right) = 2 - 12 = -10$



T44. $27 \csc\left(\frac{19\pi}{3}\right) \tan\left(-\frac{77\pi}{6}\right) - 4 \cot\left(-\frac{39\pi}{4}\right) \sqrt{3} \sin\left(\frac{25\pi}{3}\right) = 18 - 6 = 12$

