

Sine and Cosine Curves



Dec 3-9:52 AM

Ditto 6.1 #46

$$\sin \frac{4\pi}{3} = -\frac{\sqrt{3}}{2} \quad \cos \frac{4\pi}{3} = -\frac{1}{2} \quad \tan \frac{4\pi}{3} = \sqrt{3}$$

$$\csc \frac{4\pi}{3} = -\frac{2\sqrt{3}}{3} \quad \sec \frac{4\pi}{3} = -2 \quad \cot \frac{4\pi}{3} = \frac{\sqrt{3}}{3}$$

P. 483 #9-20

~~9.~~ $\frac{9\pi}{4}, -\frac{7\pi}{4}$

10. $\frac{11\pi}{3}, -\frac{\pi}{3}$

11. $\frac{19\pi}{6}, -\frac{5\pi}{6}$

12. $3\pi, -\pi$

13. $-\frac{8\pi}{3}, \frac{4\pi}{3}$

14. $\frac{5\pi}{4}, -\frac{11\pi}{4}$

15. Complement: $\frac{\pi}{6}$

Supplement: $\frac{2\pi}{3}$

16. Complement: $\frac{\pi}{12}$

Supplement: $\frac{7\pi}{12}$

17. Complement: $\frac{\pi}{8}$

Supplement: $\frac{5\pi}{8}$

18. Complement: $\frac{\pi}{4}$

Supplement: $\frac{3\pi}{4}$

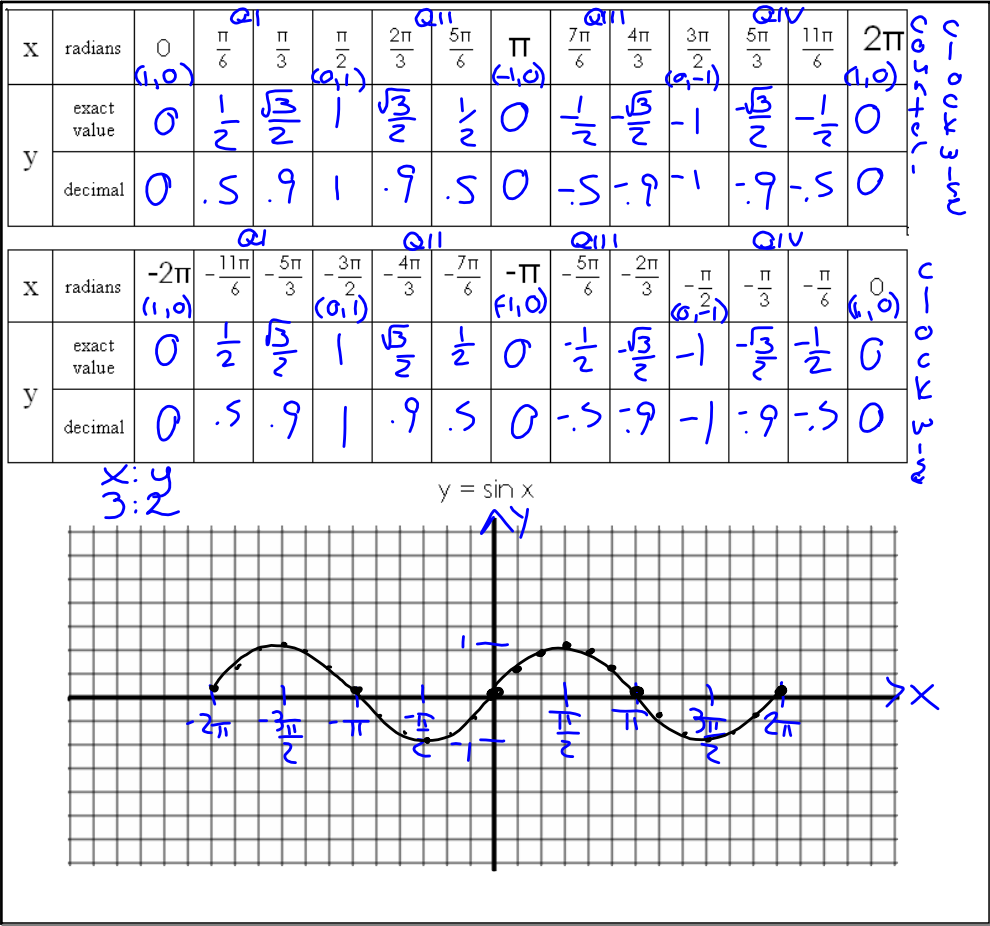
19. Complement: $\frac{5\pi}{12}$

Supplement: $\frac{11\pi}{12}$

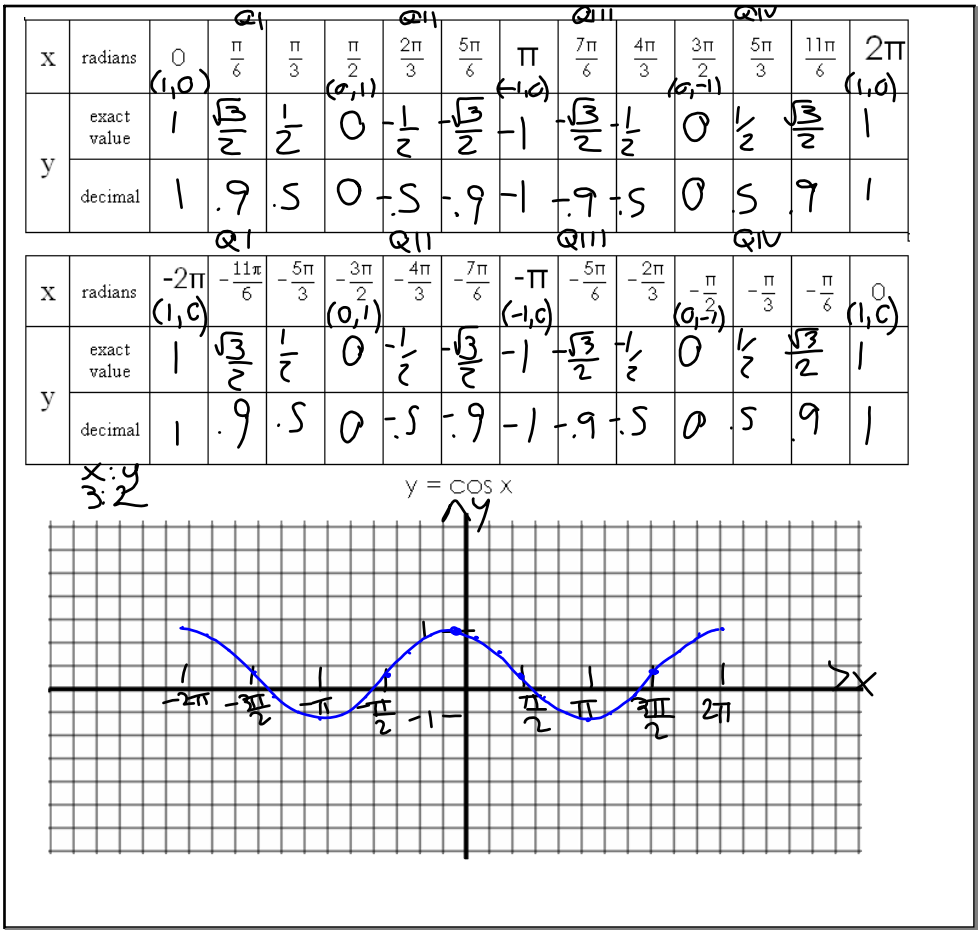
20. Complement: $\frac{\pi}{3}$

Supplement: $\frac{5\pi}{6}$

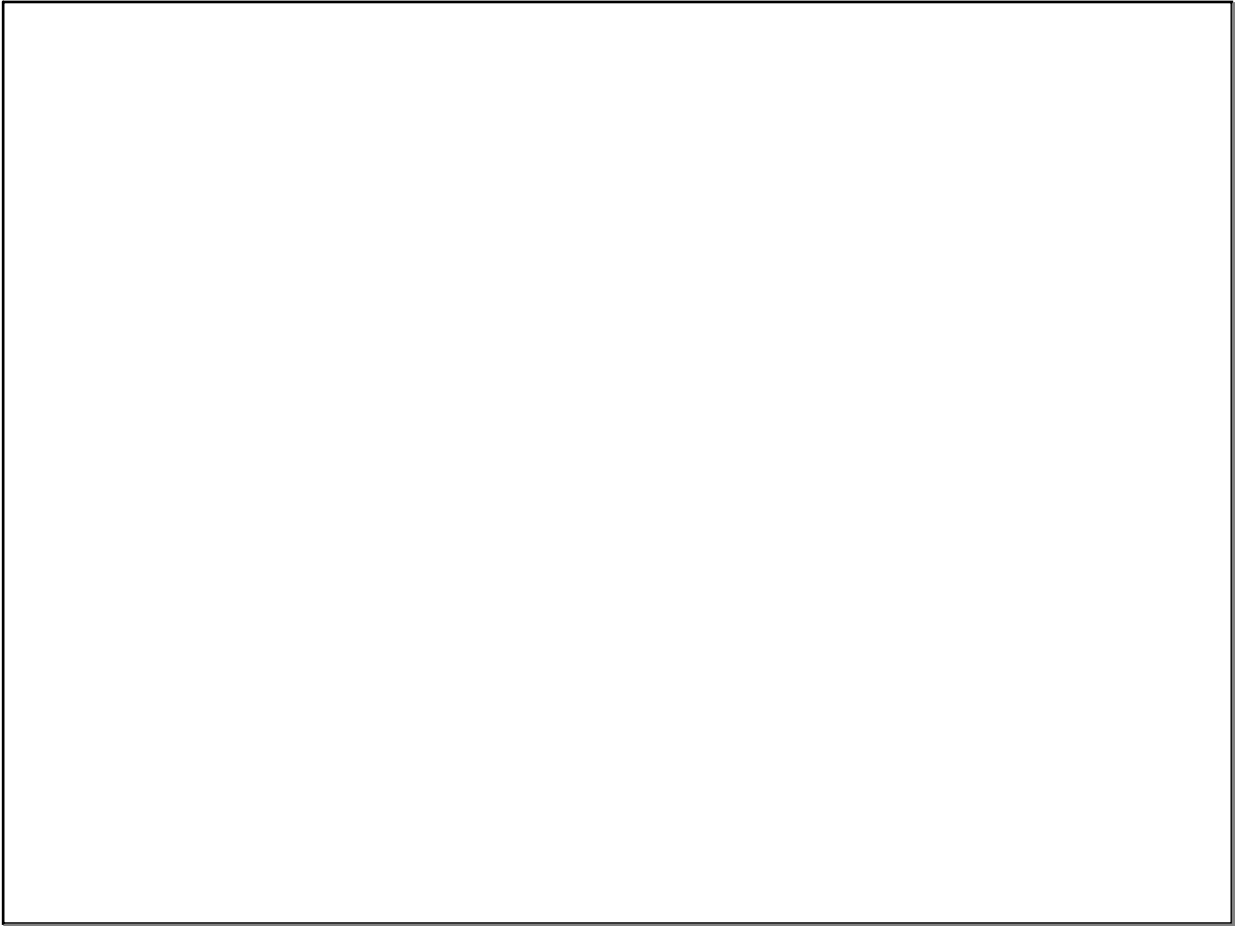
Dec 15-3:54 PM



Dec 3-9:25 AM



Dec 3-9:21 AM



Jan 8-9:45 AM