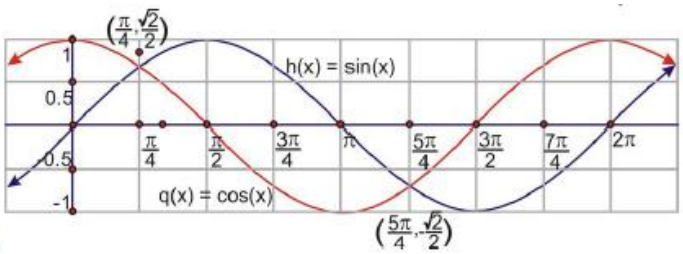
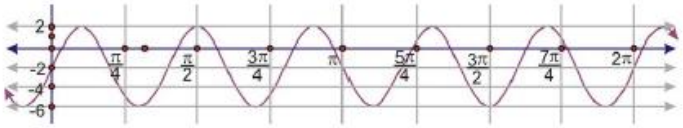
Unit 2 Review Answers

8.



The intersections are $\left(\frac{\pi}{4},\frac{\sqrt{2}}{2}\right)$ and $\left(\frac{5\pi}{4},-\frac{\sqrt{2}}{2}\right)$.

9. $y=-2+4\sin 5x, A=4, B=5, p=\frac{2\pi}{5}, C=0, D=-2$



10. $f(x)=\frac{1}{4}\cos\left(\frac{1}{2}(x-\frac{\pi}{3})\right), A=\frac{1}{4}, B=\frac{1}{2}, p=4\pi, C=\frac{\pi}{3}, D=0$