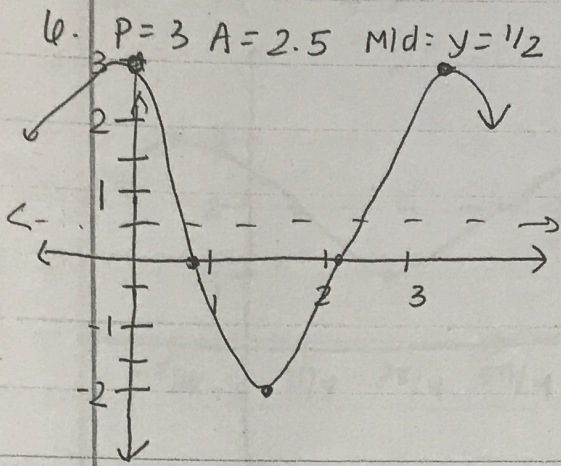
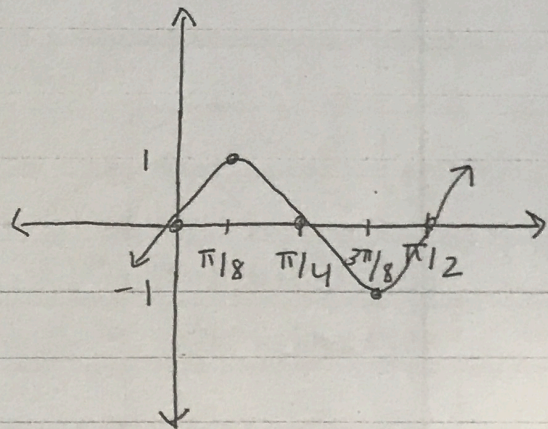


U6HW7- Lesson 34-2

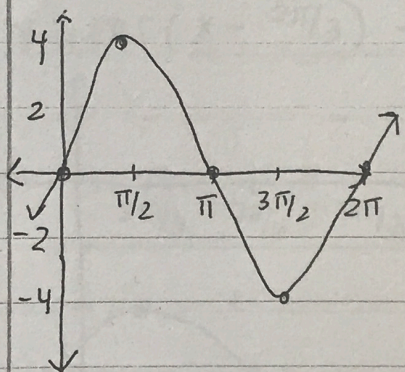
Pg. 539 #6 -10, 12, 13, 20, 21 Pg. 540 #37, 38, 41-46



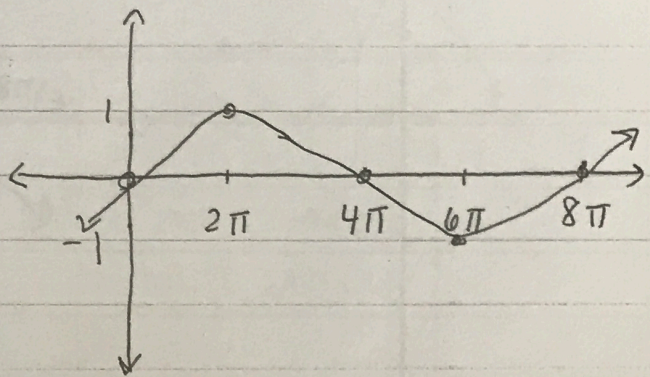
9. $y = \sin 4x$
 $p = \frac{\pi}{2}$ $A = 1$



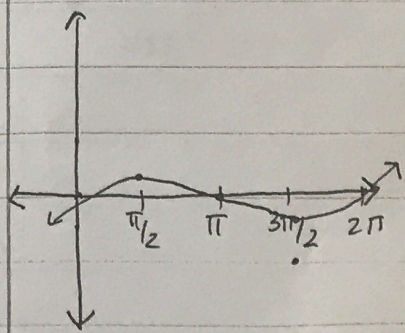
7. $y = 4 \sin x$
 $p = 2\pi$ $A = 4$



10. $y = \sin(\frac{1}{4}x)$
 $p = 8\pi$ $A = 1$



8. $y = \frac{1}{4} \sin x$
 $p = 2\pi$ $A = 1/4$



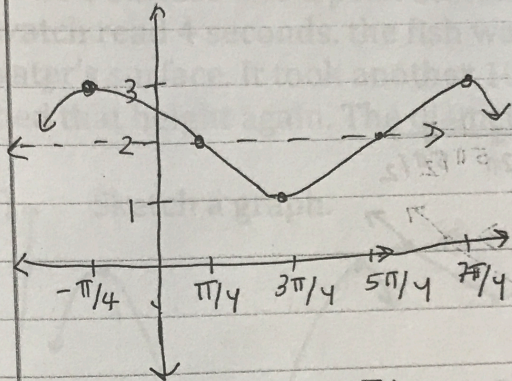
12. $p = 4\pi$ $A = 2$

13. $y = 2 \sin(\frac{1}{2}x)$

20. $p = \pi/2$ $A = 1/2$

21. $y = \frac{1}{2} \sin(4x)$

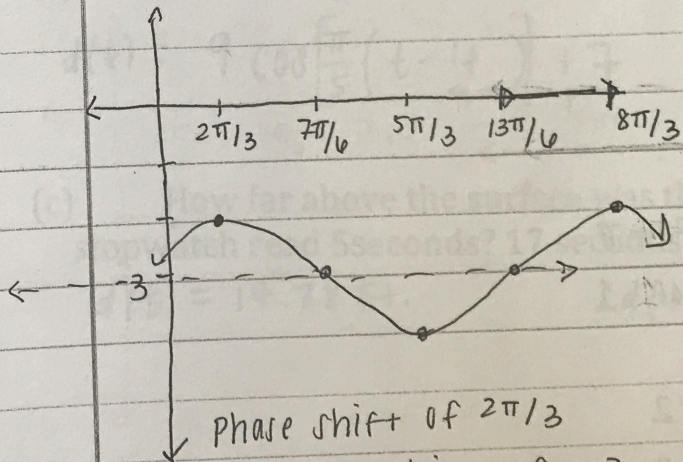
37. $y = \cos(x + \frac{\pi}{4}) + 2$



phase shift of $-\pi/4$

vertical shift of 2

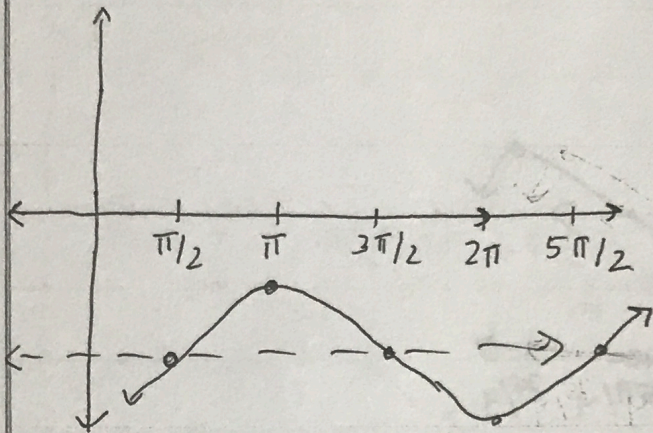
38. $y = \cos(x - \frac{2\pi}{3}) - 3$



Phase shift of $\frac{2\pi}{3}$

vertical shift of -3

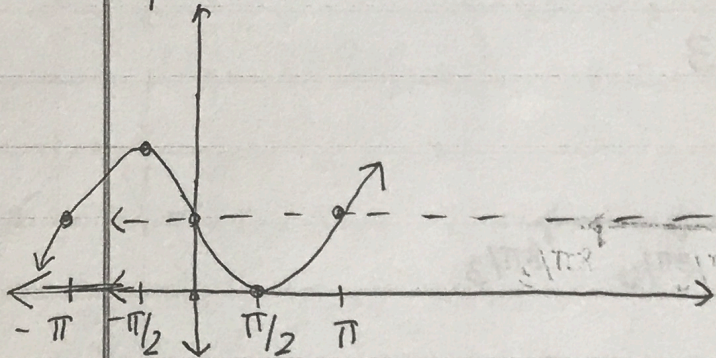
41. $y = \sin(x - \pi/2) - 2$



phase shift of $\pi/2$

vertical shift of -2

42. $y = \sin(x + \pi) + 1$



phase shift of $-\pi$

vertical shift of 1

43. $y = 2 \cos x$ $A = 2$

44. $y = \cos 2x$ $b = 2$

45. $y = \cos(x + 2)$ phase shift of -2

46. $y = \cos(x) + 2$ vertical shift of 2
(midline is $y = 2$)