Monday

Which of the following is equivalent to $\frac{\sin^2\theta + \cos^2\theta}{\sec^2\theta}$?

Ⓐ $\cos^2\theta$ Ⓑ $\sin^2\theta$

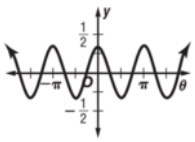
Ⓒ $\tan^2\theta$ Ⓓ $\sin^2\theta + 1$

Tuesday

STANDARDIZED TEST PRACTICE Identify the equation of the graphed function.

Ⓐ $y = 3\cos 2\theta$ Ⓑ $y = \frac{1}{3}\cos 2\theta$

Ⓒ $y = 3\cos\frac{1}{2}\theta$ Ⓓ $y = \frac{1}{3}\cos\frac{1}{2}\theta$



Wednesday

State the vertical shift, amplitude, period, and phase shift of each function. Then graph the function.

$$y = 4\cos\left[\frac{1}{2}(\theta + 30°)\right] - 1$$

Thursday

. Write a polynomial function to model the set of data. *(Lesson 4-8)*

x	−10	−7	−4	−1	2	5	8	11	14
$f(x)$	−15	−9.2	−6.9	−3	−0.1	2	1.1	−2.3	−4.5

Friday

Find the rectangular coordinates of each point.

a. $P\left(5, \frac{\pi}{3}\right)$