

State the Period and Amplitude for each Cosine Function.

1. $y = -8\cos 11x$

2. $y = 7\cos \frac{2x}{5}$

3. Do problem #3 on page 746

Period=

Amplitude=

Max(s) occur at $x =$

Min(s) occur at $x =$

Zero(s) occur at $x =$

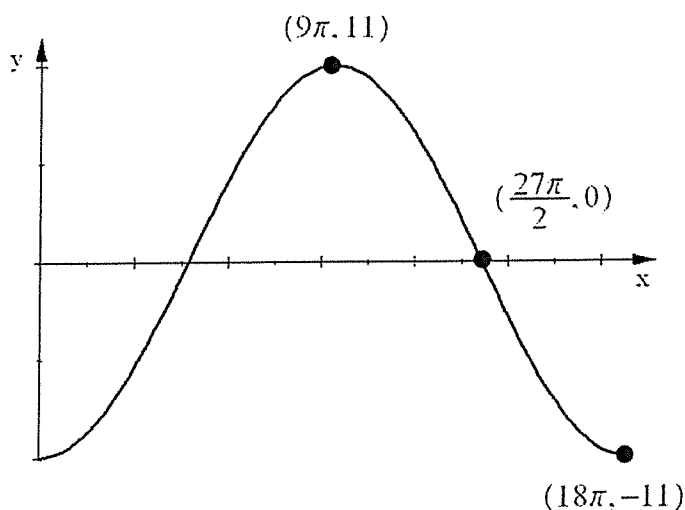
Sketch on period of each Cosine function. Label the coordinates for all max, min, and x-intercepts.

4. $y = 5\cos \frac{x}{6}$

5. $y = -3\cos 9x$

Write the equation of each Cosine Function.

6.



7.

