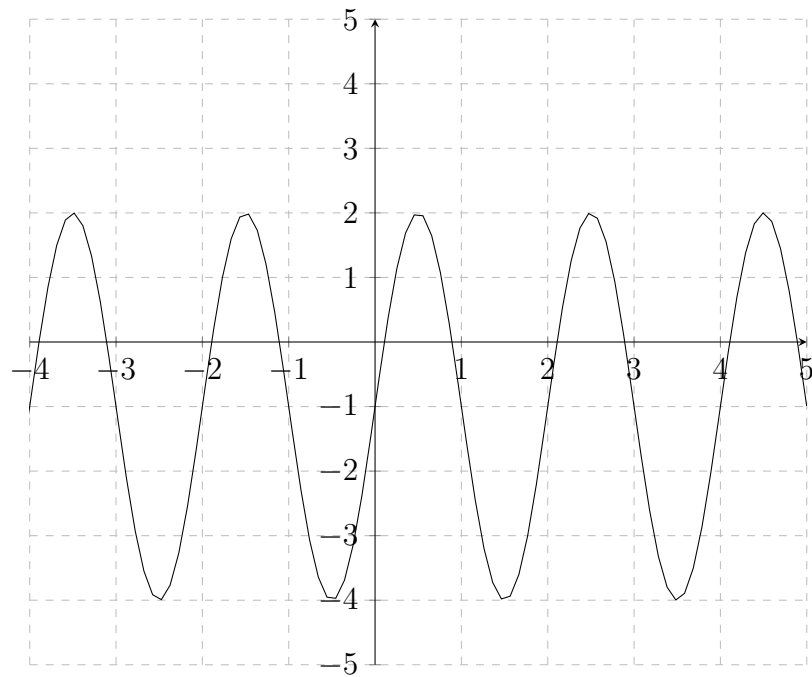


Quick Hit 4

1. Consider the periodic function  $s(x)$  given by graph. What is its period? Amplitude? Midline?



2. The point  $(9, -1)$  lies on a circle centered at the origin. Find the radius of the circle.  
*Hint:* Draw a picture and use the Pythagorean Theorem.