

Name : _____

Score : _____

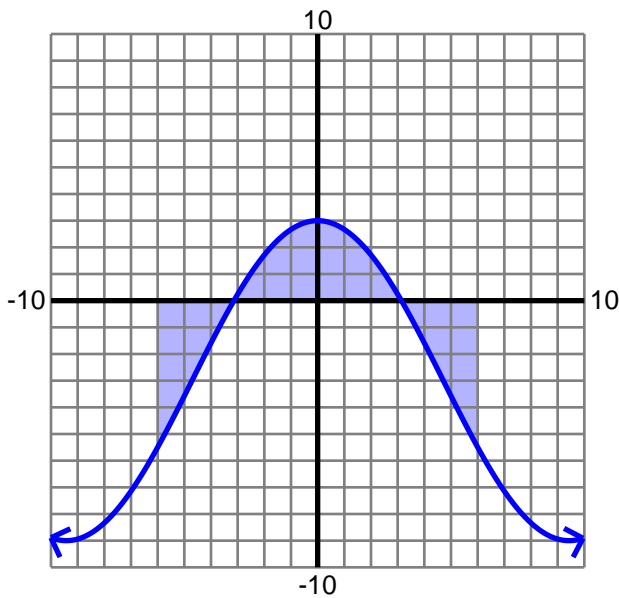
Teacher : _____

Date : _____

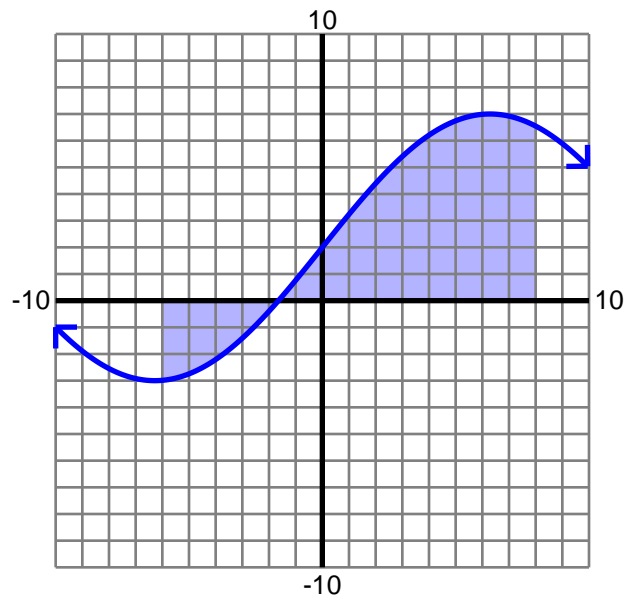
Area Under a Curve

Find the area under the curve on the given interval. Round to two decimals if necessary.

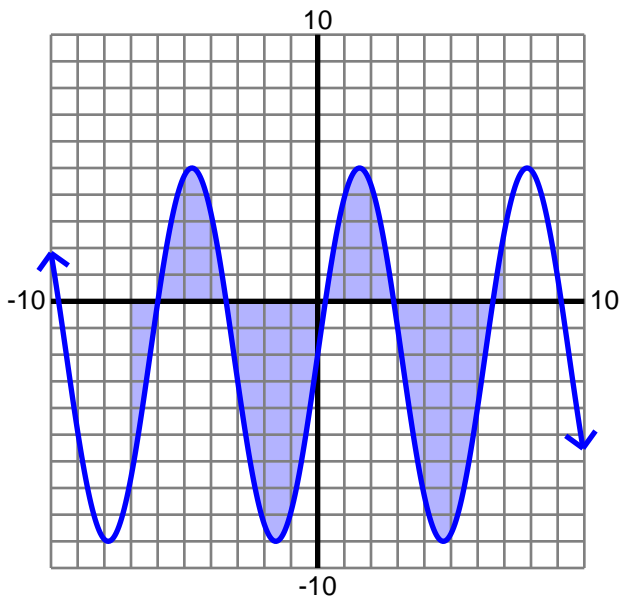
1) $y = 6\cos\left(\frac{1}{3}x\right) - 3 ; [-6, 6]$



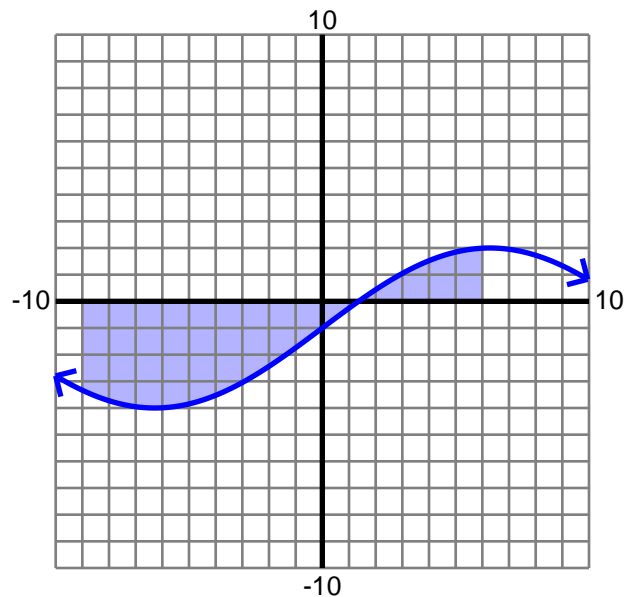
2) $y = 5\sin\left(\frac{1}{4}x\right) + 2 ; [-6, 8]$



3) $y = 7\sin(x) - 2 ; [-7, 7]$



4) $y = 3\sin\left(\frac{1}{4}x\right) - 1 ; [-9, 6]$



Name : _____

Score : _____

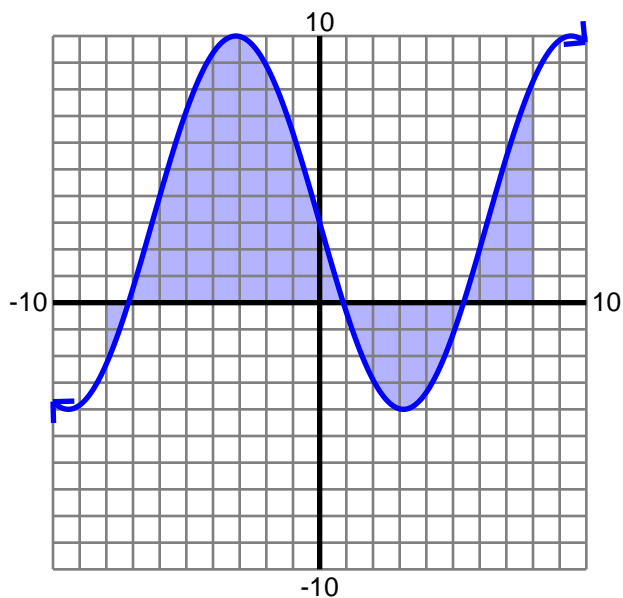
Teacher : _____

Date : _____

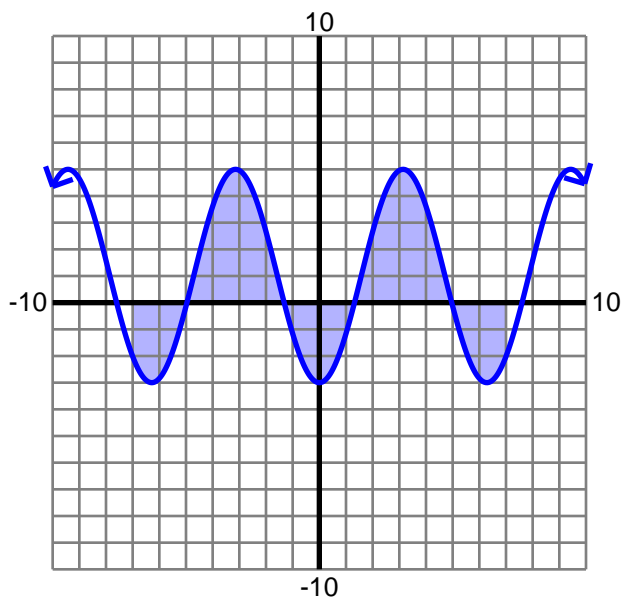
Area Under a Curve

Find the area under the curve on the given interval. Round to two decimals if necessary.

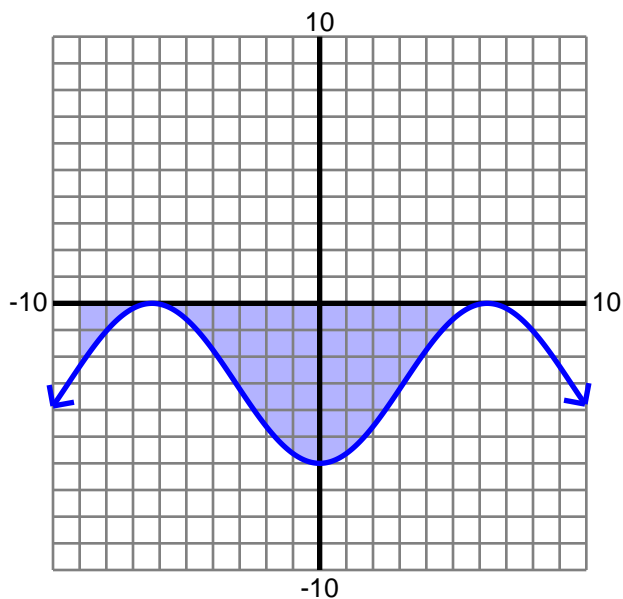
5) $y = -7\sin\left(\frac{1}{2}x\right) + 3 ; [-8, 8]$



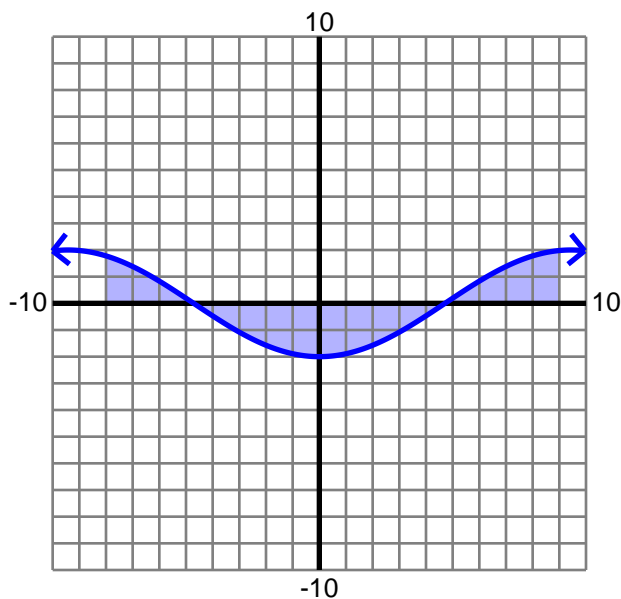
6) $y = -4\cos(x) + 1 ; [-7, 7]$



7) $y = -3\cos\left(\frac{1}{2}x\right) - 3 ; [-9, 5]$



8) $y = -2\cos\left(\frac{1}{3}x\right) ; [-8, 9]$



Name : _____

Score : _____

Teacher : _____

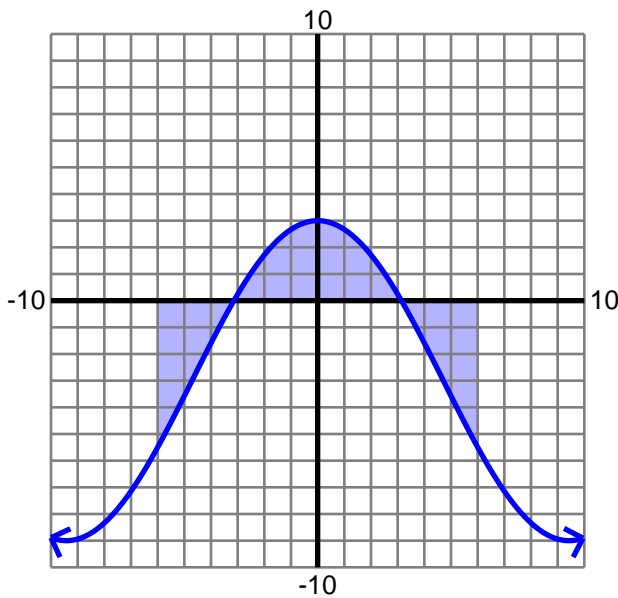
Date : _____

Area Under a Curve

Find the area under the curve on the given interval. Round to two decimals if necessary.

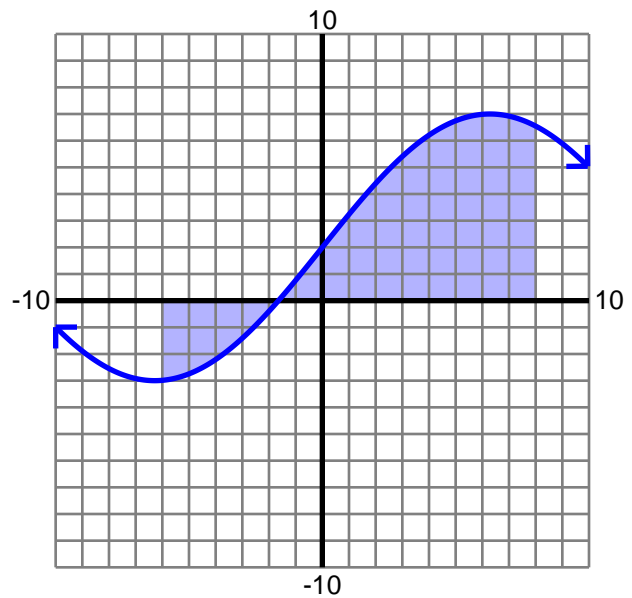
1) $y = 6\cos\left(\frac{1}{3}x\right) - 3 ; [-6, 6]$

-3.27



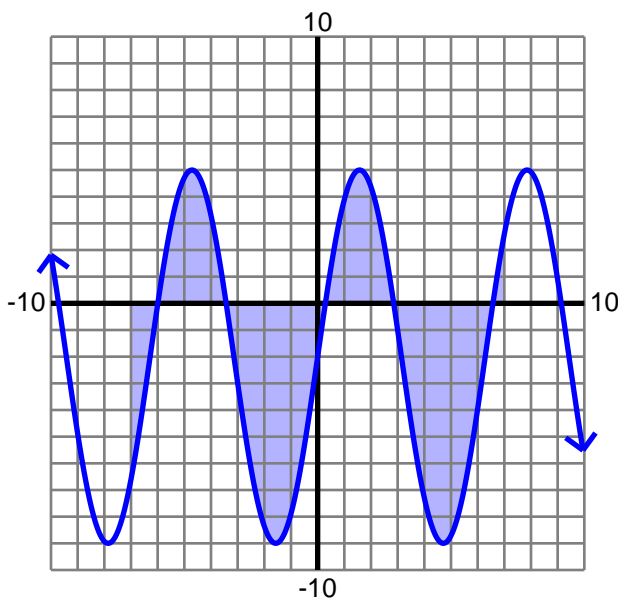
2) $y = 5\sin\left(\frac{1}{4}x\right) + 2 ; [-6, 8]$

37.74



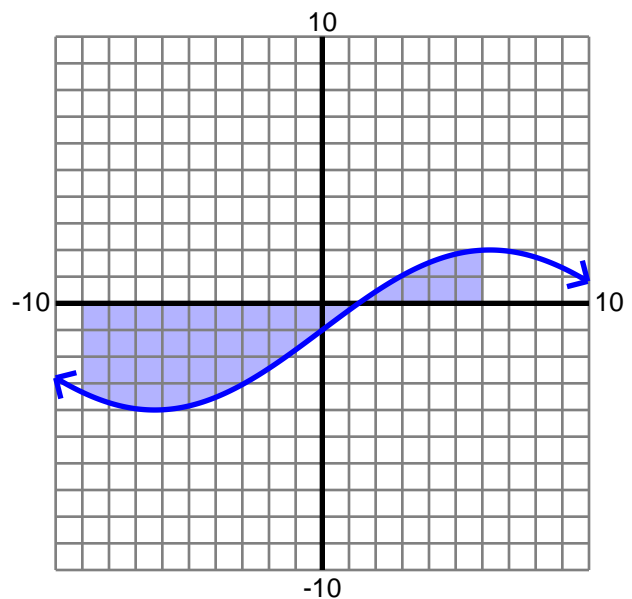
3) $y = 7\sin(x) - 2 ; [-7, 7]$

-28



4) $y = 3\sin\left(\frac{1}{4}x\right) - 1 ; [-9, 6]$

-23.39



Name : _____

Score : _____

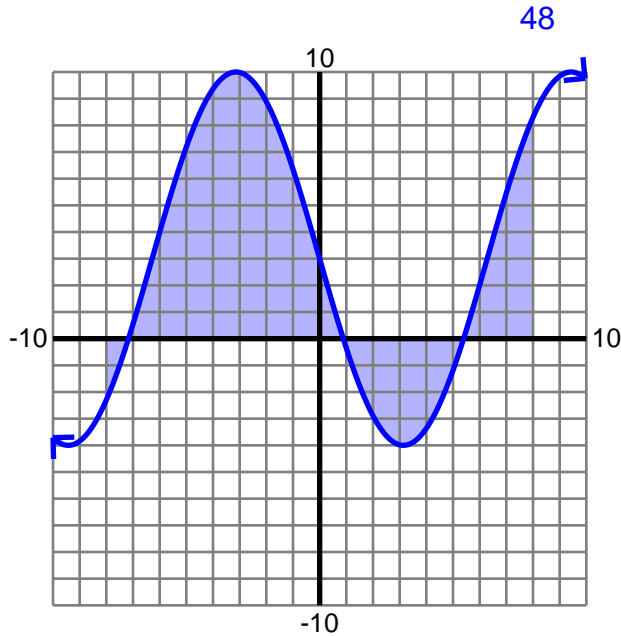
Teacher : _____

Date : _____

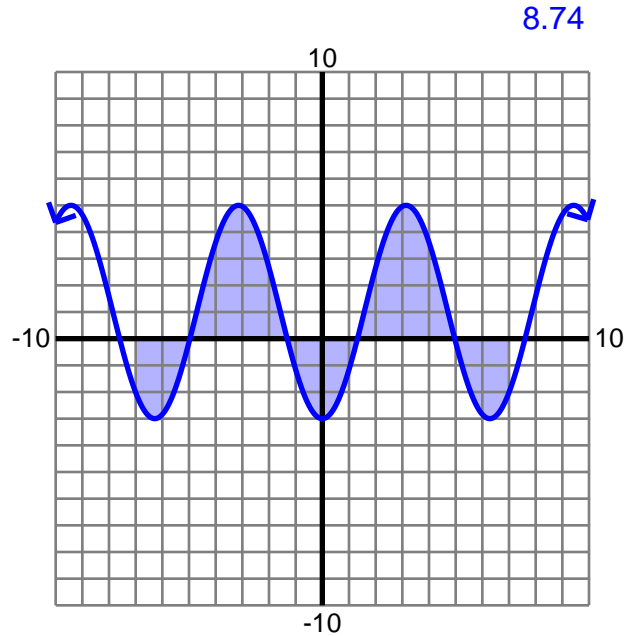
Area Under a Curve

Find the area under the curve on the given interval. Round to two decimals if necessary.

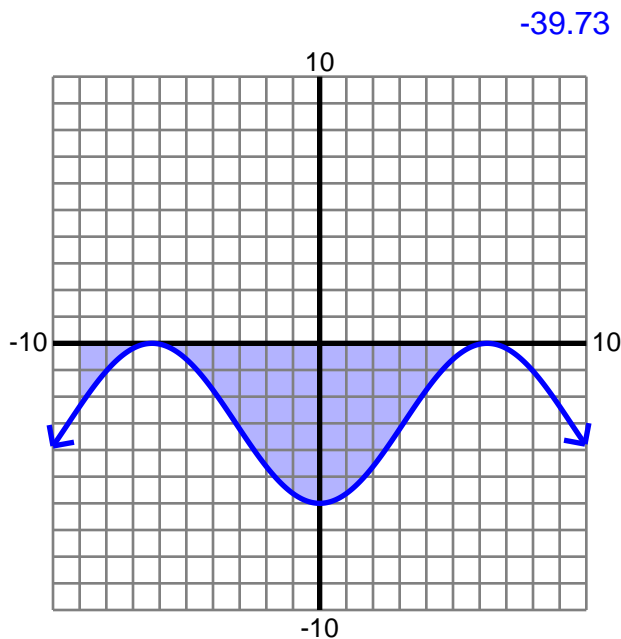
5) $y = -7\sin\left(\frac{1}{2}x\right) + 3 ; [-8, 8]$



6) $y = -4\cos(x) + 1 ; [-7, 7]$



7) $y = -3\cos\left(\frac{1}{2}x\right) - 3 ; [-9, 5]$



8) $y = -2\cos\left(\frac{1}{3}x\right) ; [-8, 9]$

