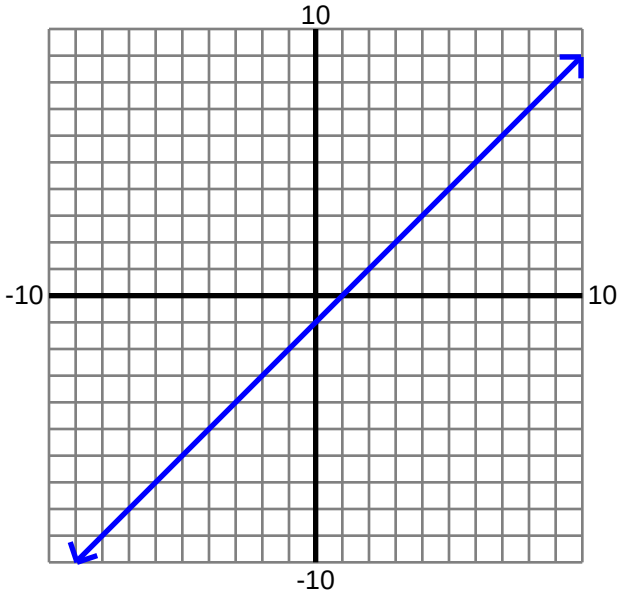
Name : _____ Score : _____

Teacher : _____ Date : _____

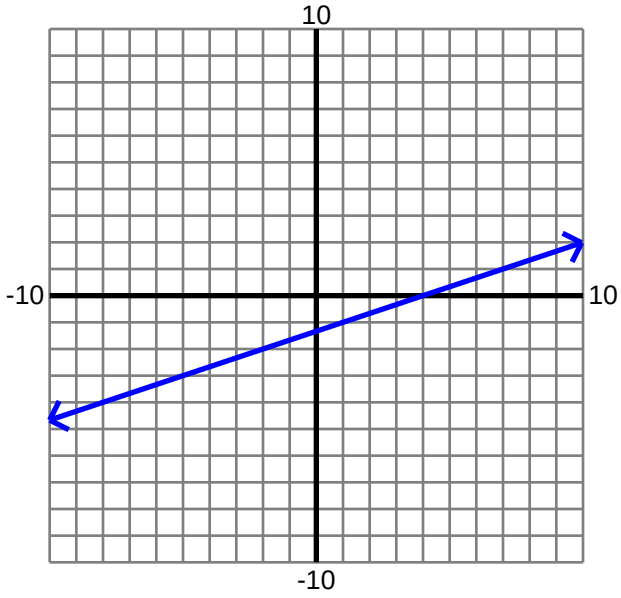
Area Under a Curve

Shade the area under the curve on the given interval. Find the area, rounded to two decimals.

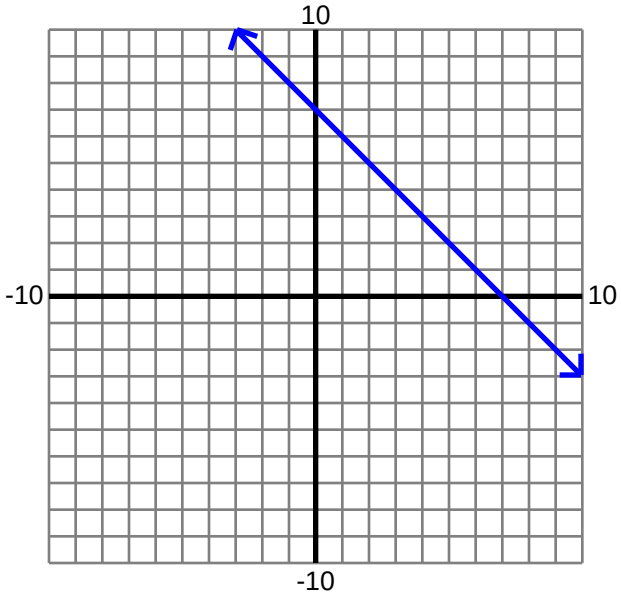
1) $y = x - 1$; $[-8, 8]$



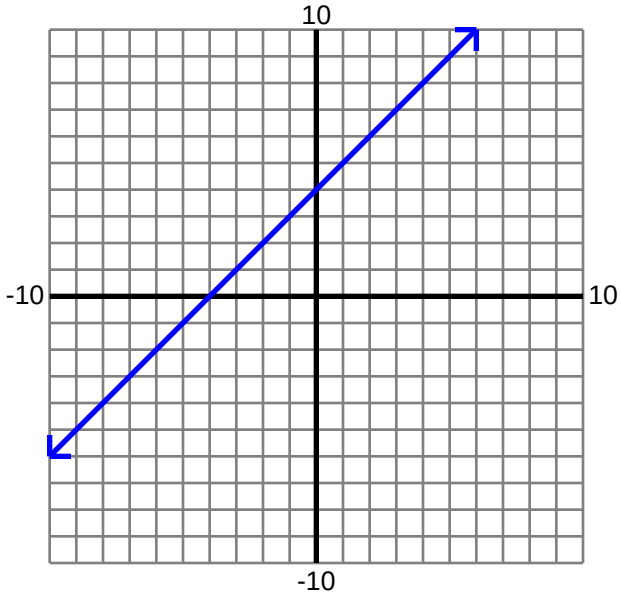
2) $y = \frac{1}{3}x - \frac{4}{3}$; $[-7, 8]$



3) $y = -x + 7$; $[-2, 5]$



4) $y = x + 4$; $[-8, 5]$



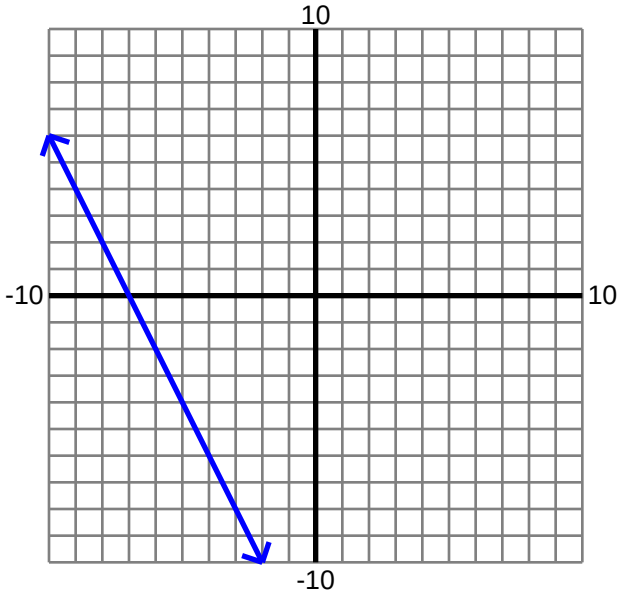
Name : _____ Score : _____

Teacher : _____ Date : _____

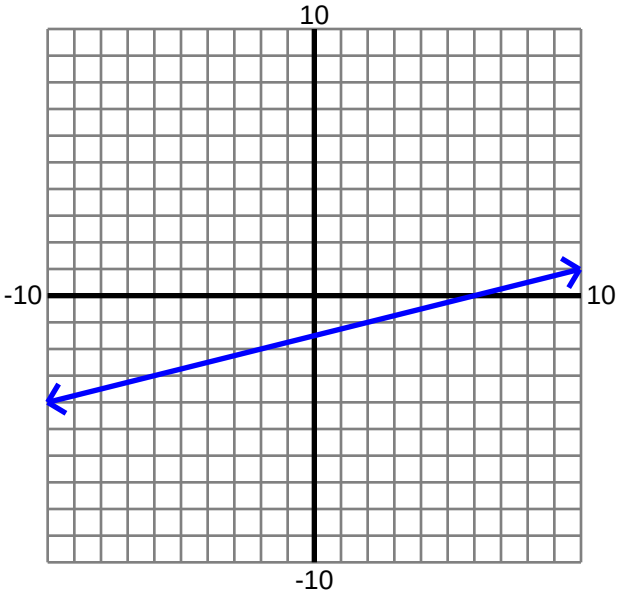
Area Under a Curve

Shade the area under the curve on the given interval. Find the area, rounded to two decimals.

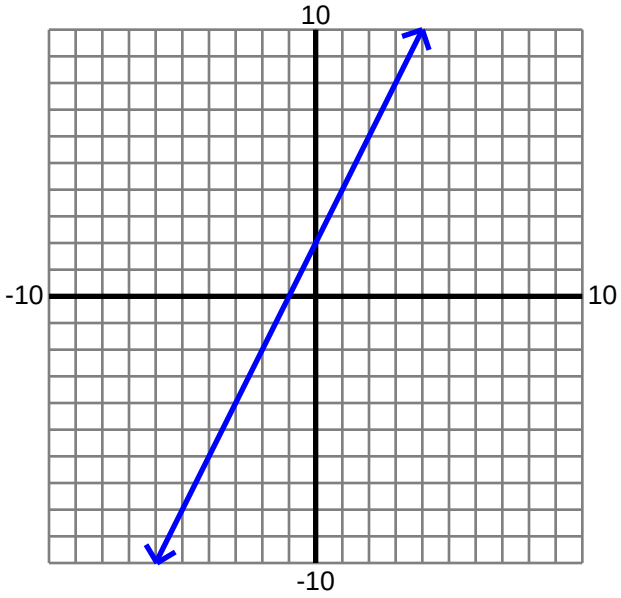
5) $y = -2x - 14$; $[-6, -3]$



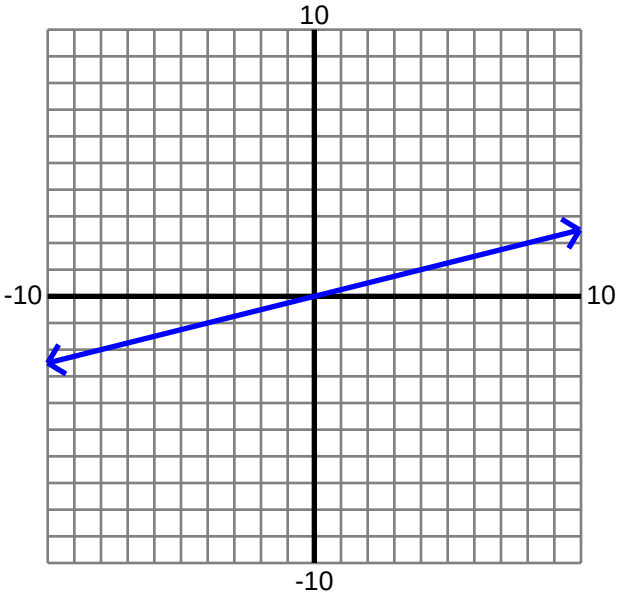
6) $y = \frac{1}{4}x - \frac{3}{2}$; $[-5, 7]$



7) $y = 2x + 2$; $[-5, 3]$



8) $y = \frac{1}{4}x$; $[-5, 5]$



Name : _____ Score : _____

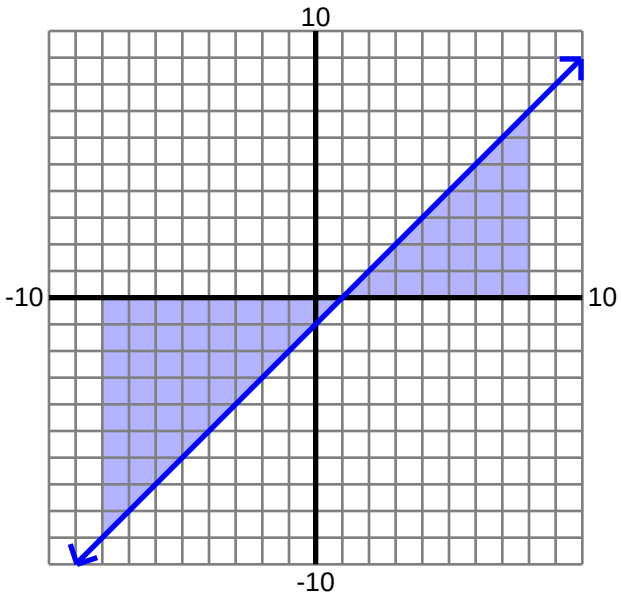
Teacher : _____ Date : _____

Area Under a Curve

Shade the area under the curve on the given interval. Find the area, rounded to two decimals.

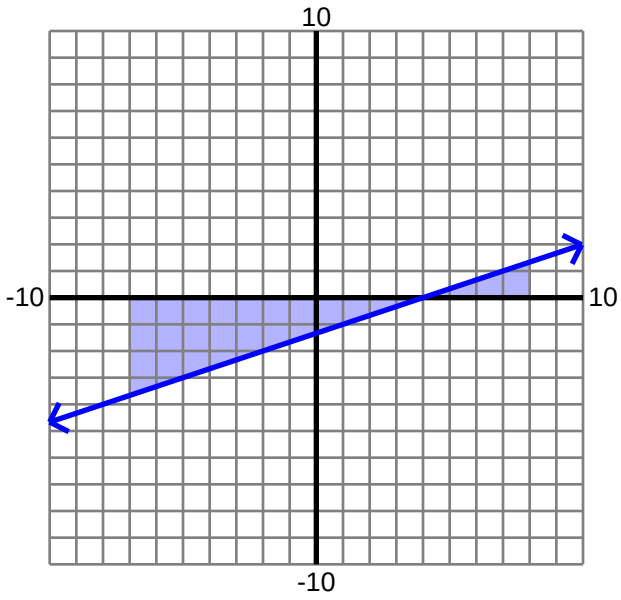
1) $y = x - 1$; $[-8, 8]$

-16



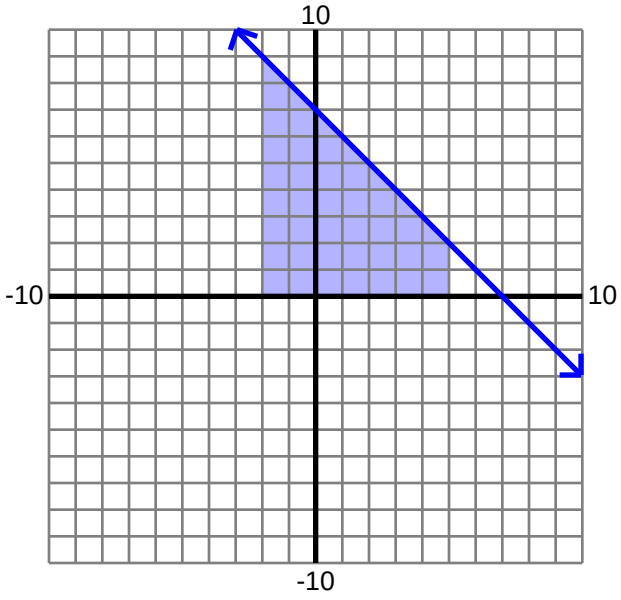
2) $y = \frac{1}{3}x - \frac{4}{3}$; $[-7, 8]$

-17.5



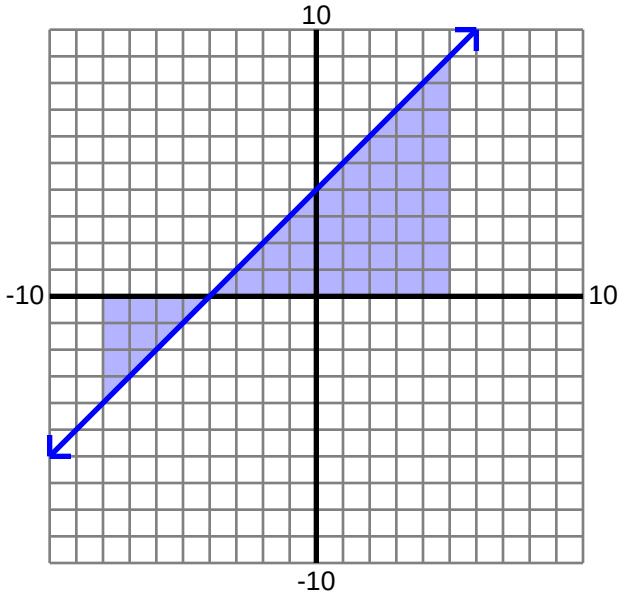
3) $y = -x + 7$; $[-2, 5]$

38.5



4) $y = x + 4$; $[-8, 5]$

32.5



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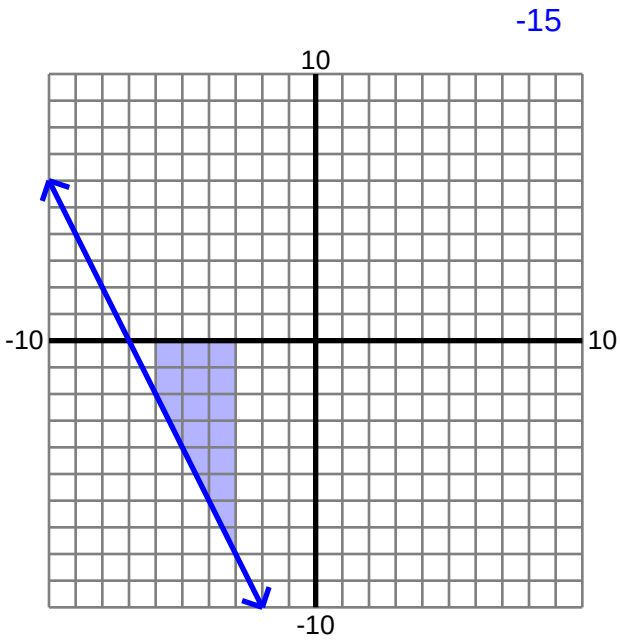
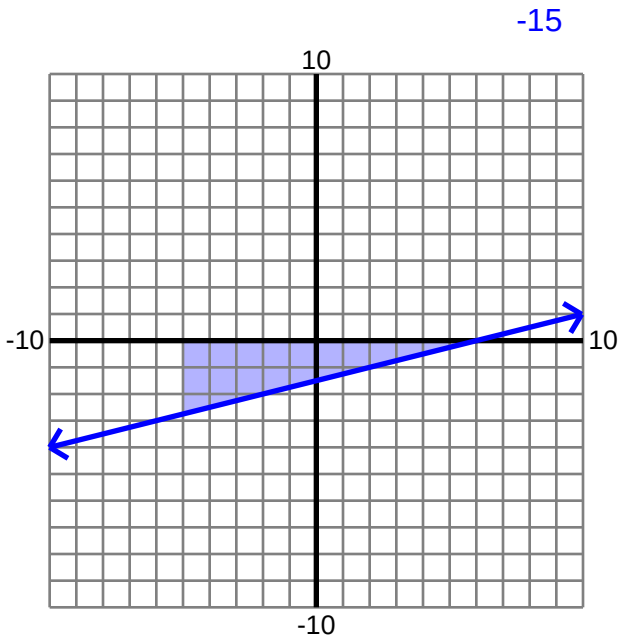
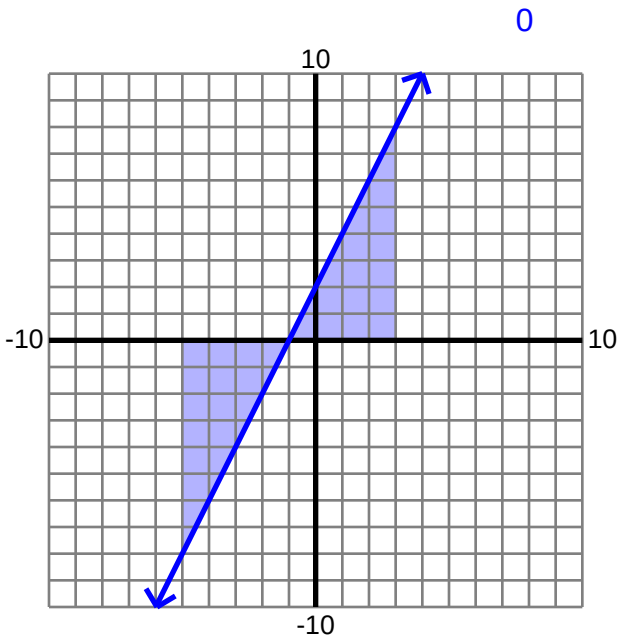


6) $y = \frac{1}{4}x - \frac{3}{2}$; $[-5, 7]$



7) $y = 2x + 2$; $[-5, 3]$



8) $y = \frac{1}{4}x$; $[-5, 5]$