

Name : _____

Score : _____

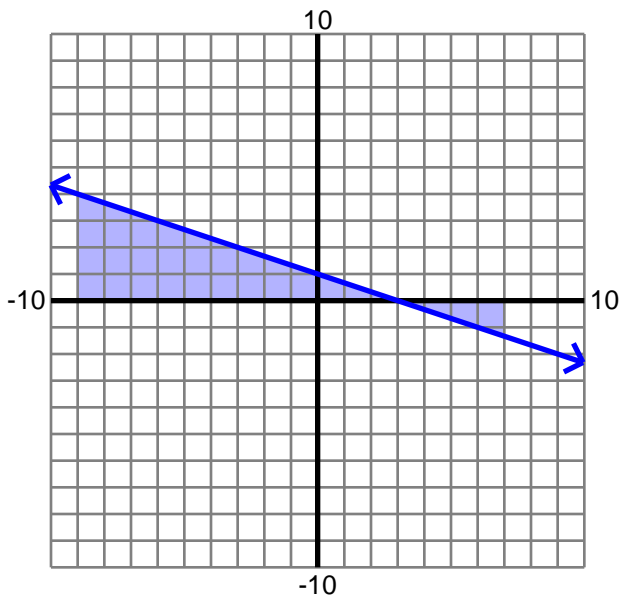
Teacher : _____

Date : _____

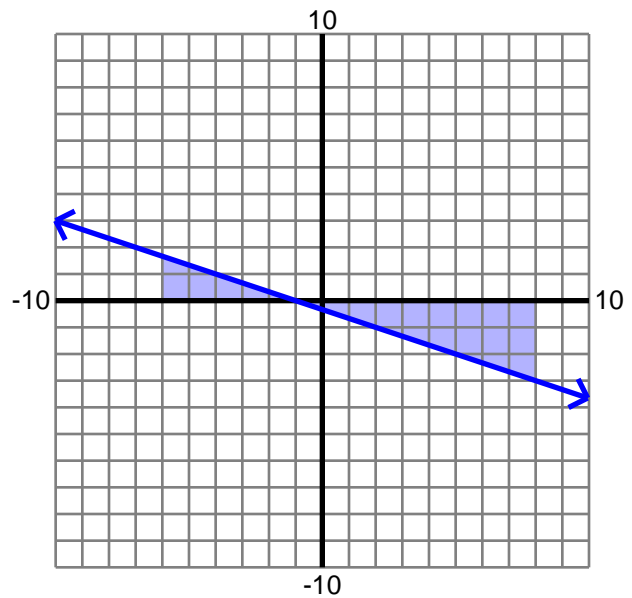
Area Under a Curve

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

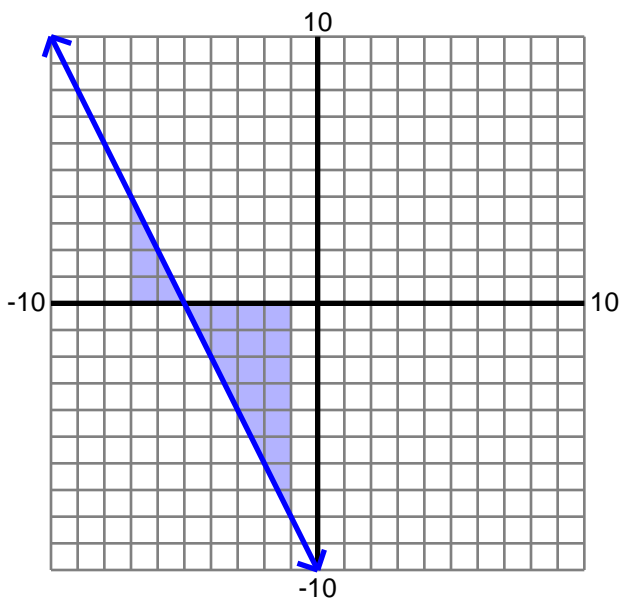
1) $y = -\frac{1}{3}x + 1$; $[-9, 7]$



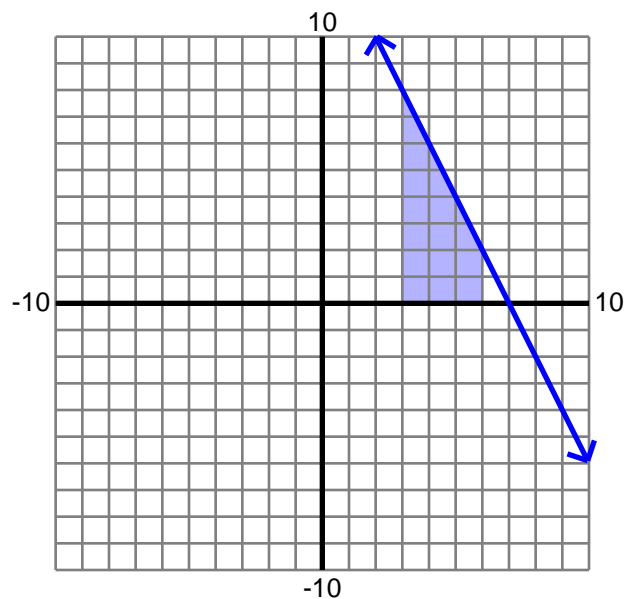
2) $y = -\frac{1}{3}x - \frac{1}{3}$; $[-6, 8]$



3) $y = -2x - 10$; $[-7, -1]$



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



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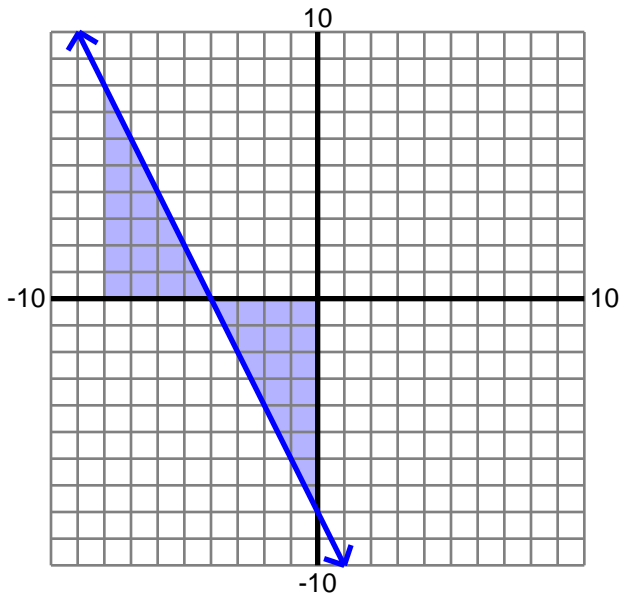
Teacher : _____

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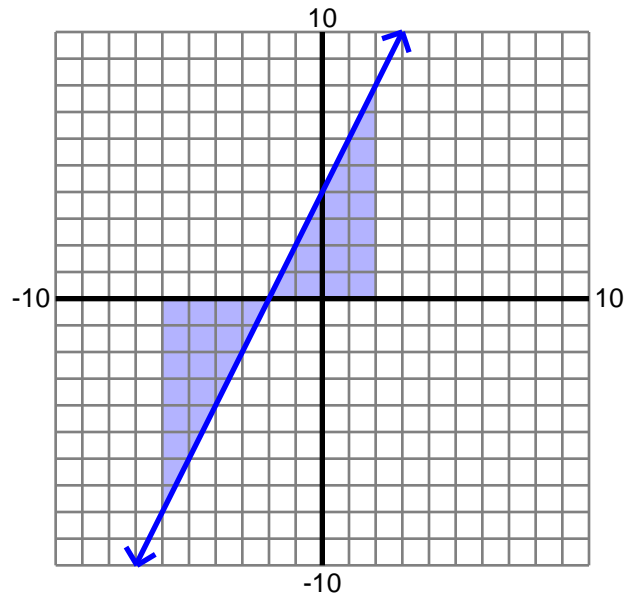
Area Under a Curve

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

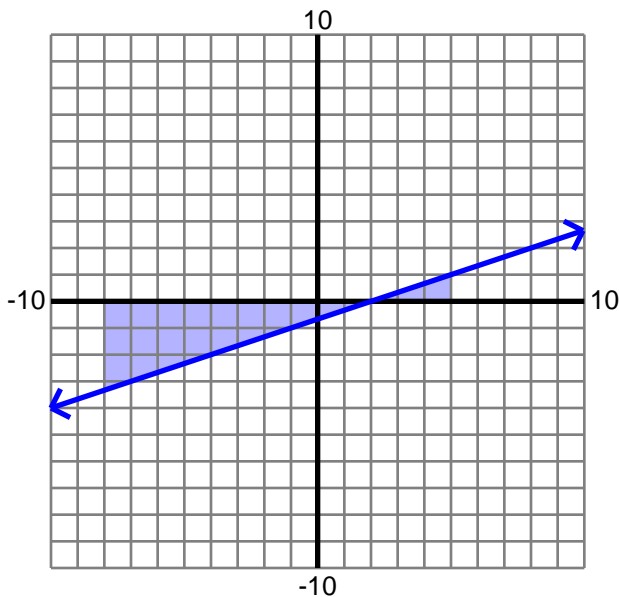
5) $y = -2x - 8$; $[-8, 0]$



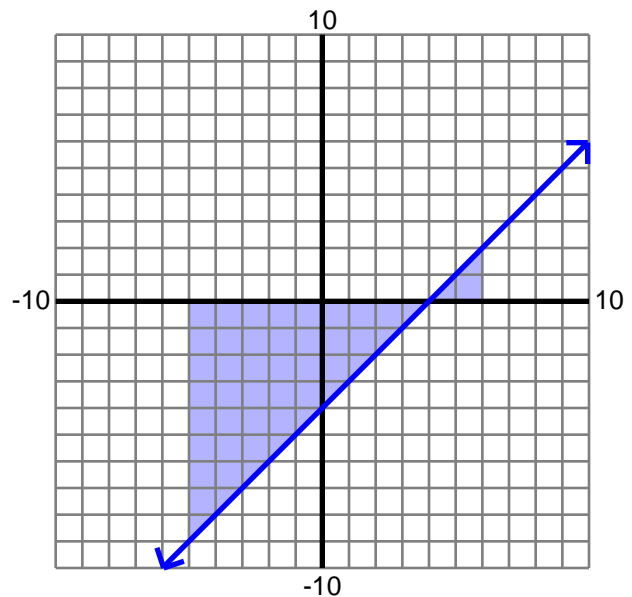
6) $y = 2x + 4$; $[-6, 2]$



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



8) $y = x - 4$; $[-5, 6]$



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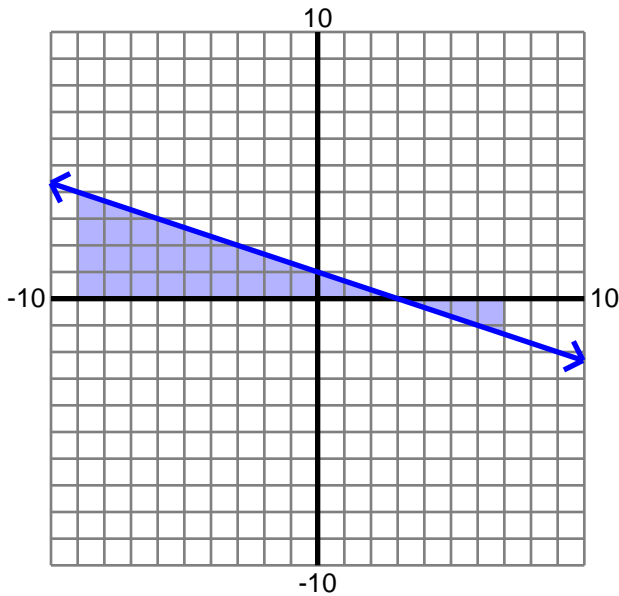
Date : _____

Area Under a Curve

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

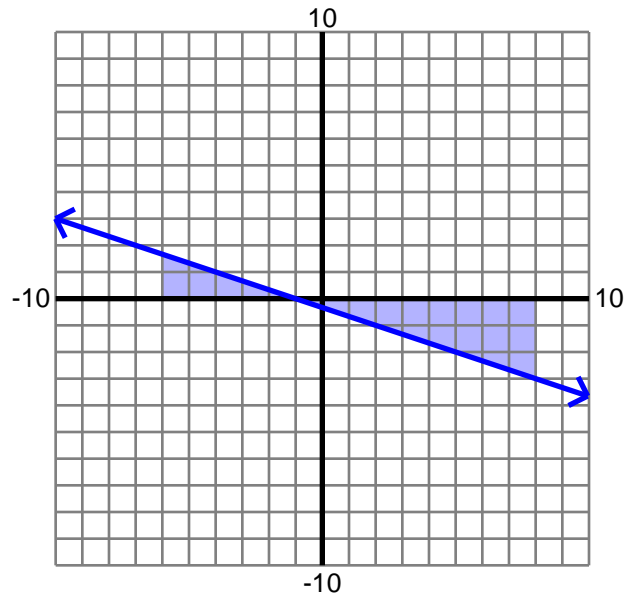
1) $y = -\frac{1}{3}x + 1$; $[-9, 7]$

21.33



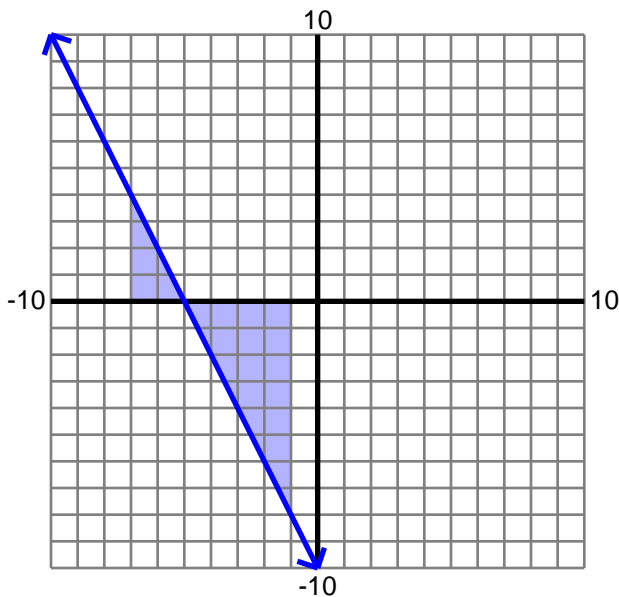
2) $y = -\frac{1}{3}x - \frac{1}{3}$; $[-6, 8]$

-9.33



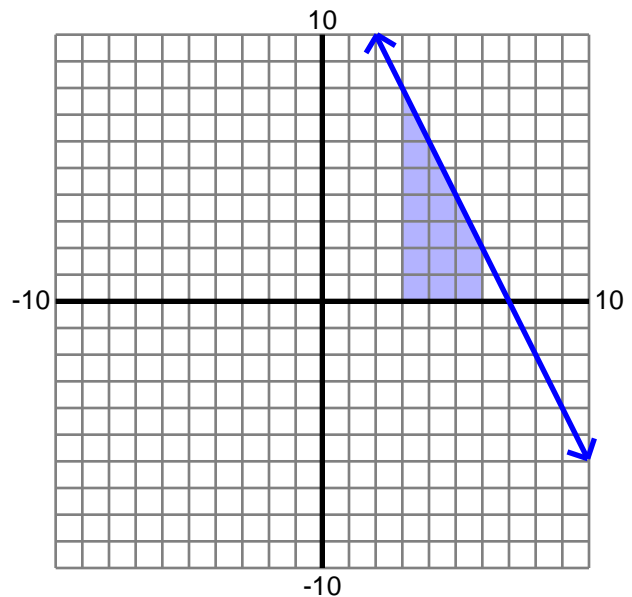
3) $y = -2x - 10$; $[-7, -1]$

-12



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

15



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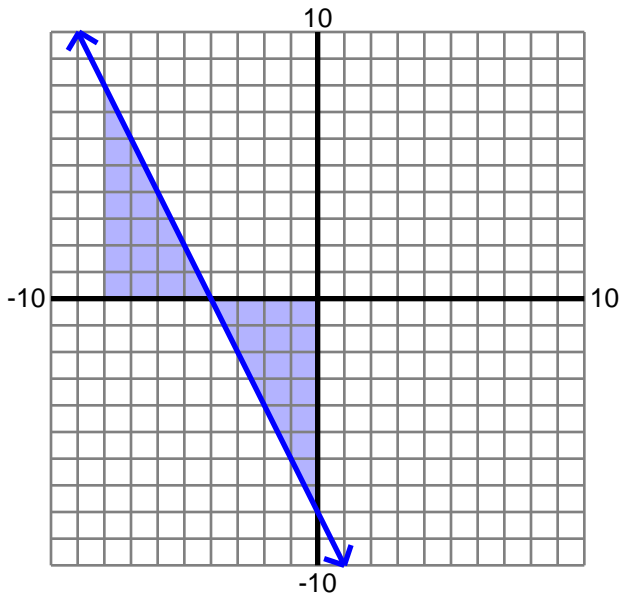
Date : _____

Area Under a Curve

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

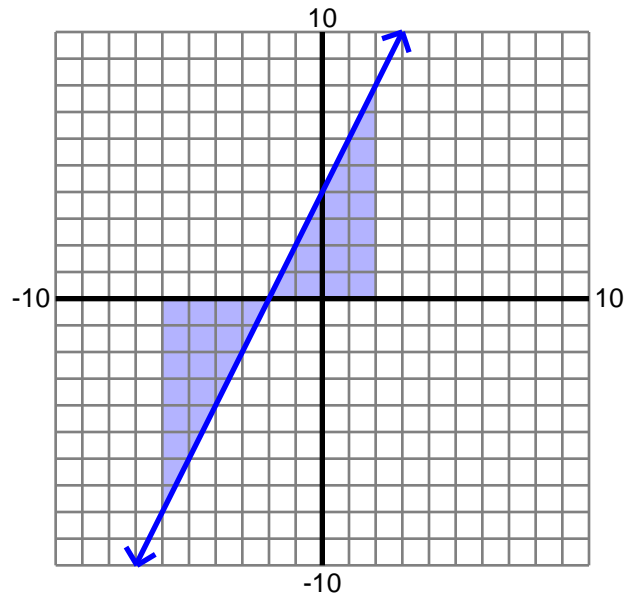
5) $y = -2x - 8$; $[-8, 0]$

0



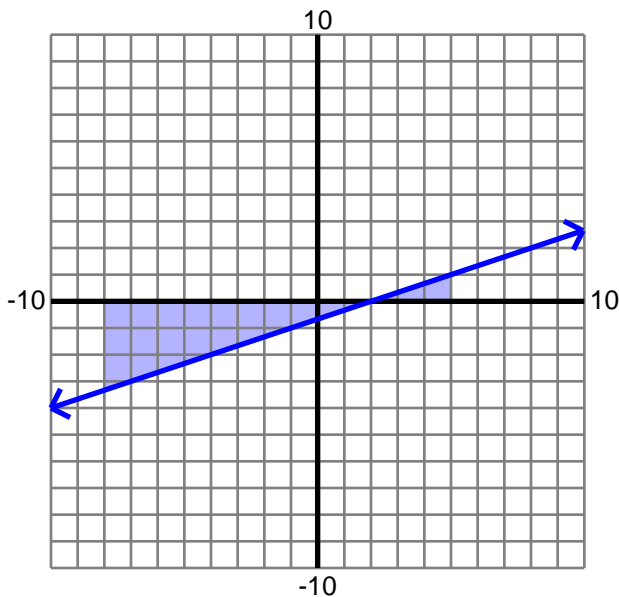
6) $y = 2x + 4$; $[-6, 2]$

0



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

-15.17



8) $y = x - 4$; $[-5, 6]$

-38.5

