

Name : _____

Score : _____

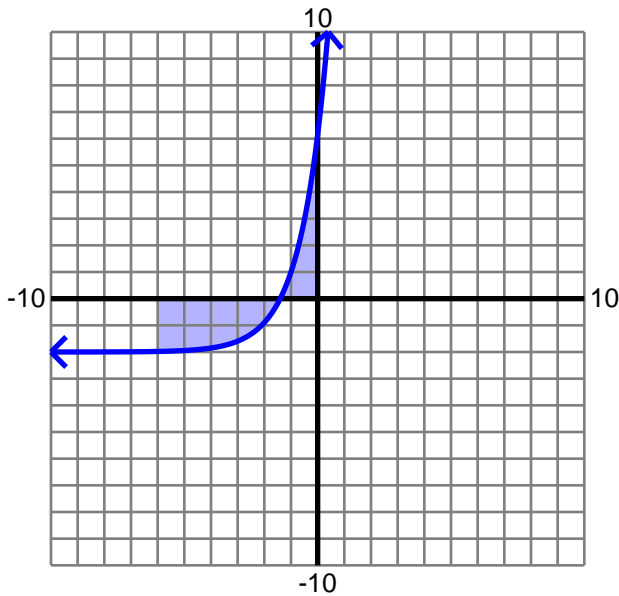
Teacher : _____

Date : _____

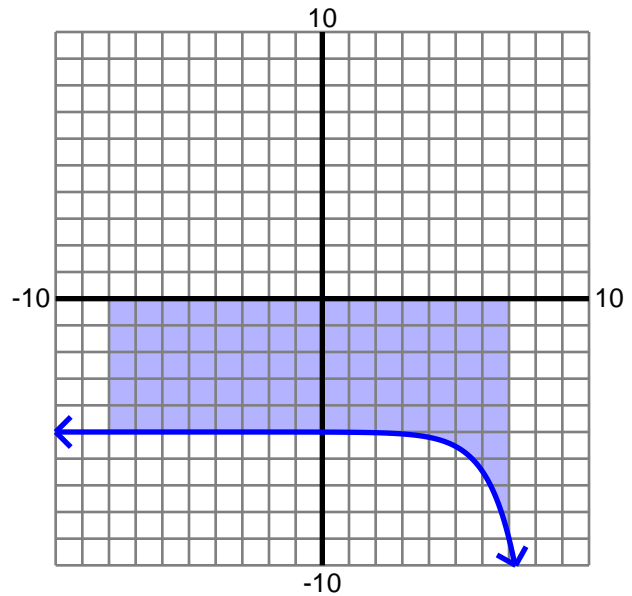
Area Under a Curve

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

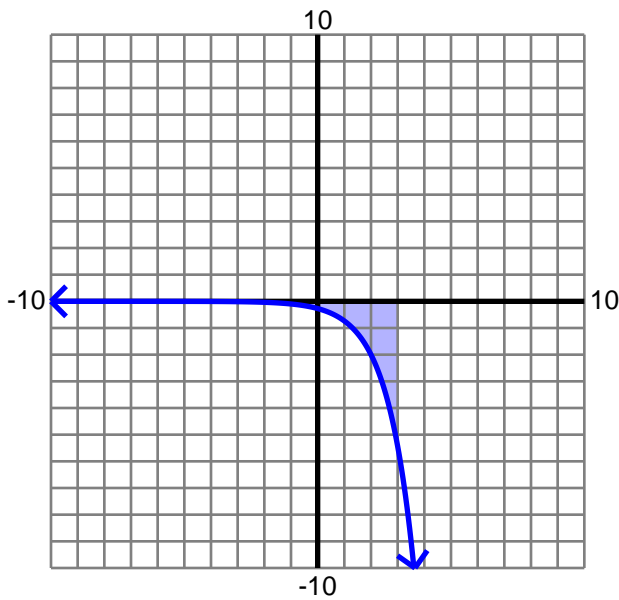
1) $y = 3e^{x+1} - 2$; $[-6, 0]$



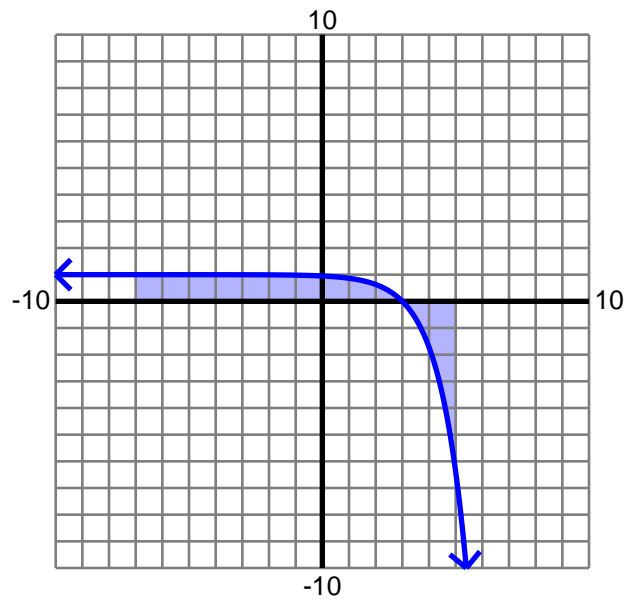
2) $y = -4e^{x-7} - 5$; $[-8, 7]$



3) $y = -2e^{x-2}$; $[-9, 3]$



4) $y = -e^{x-3} + 1$; $[-7, 5]$



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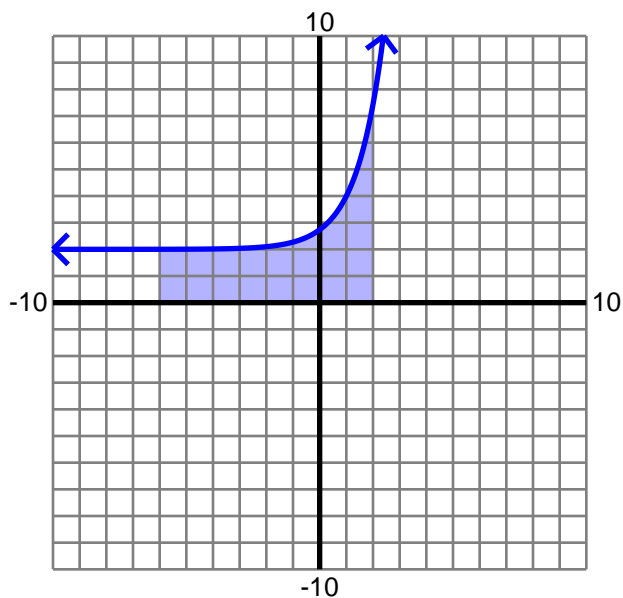
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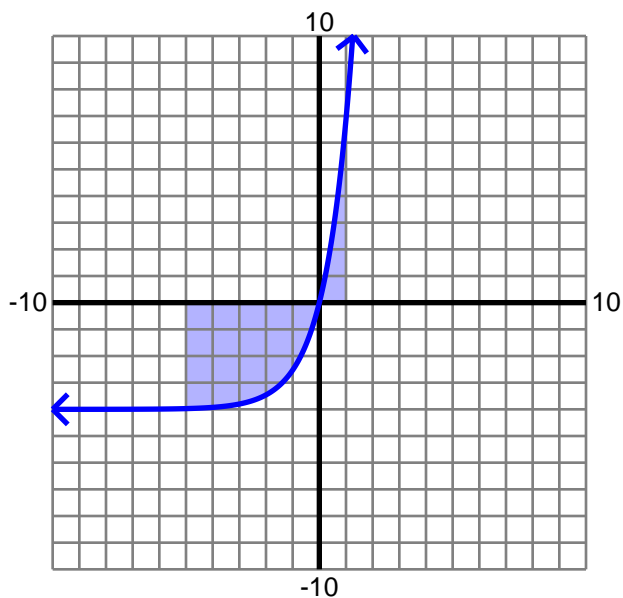
Area Under a Curve

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

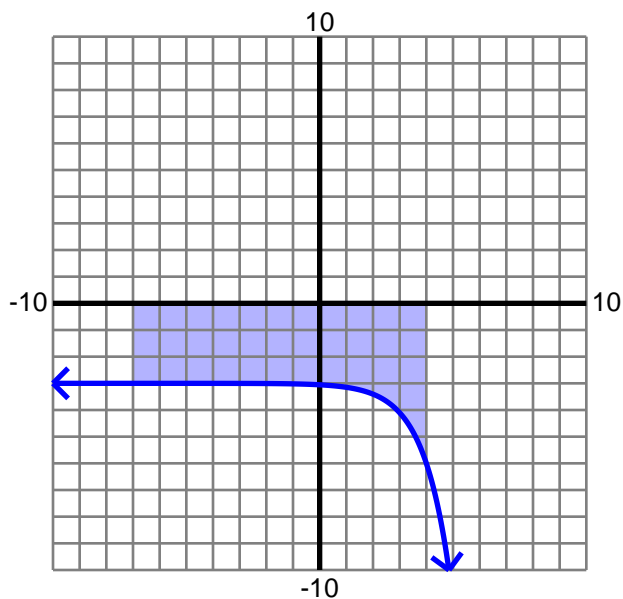
5) $y = 2e^{x-1} + 2$; $[-6, 2]$



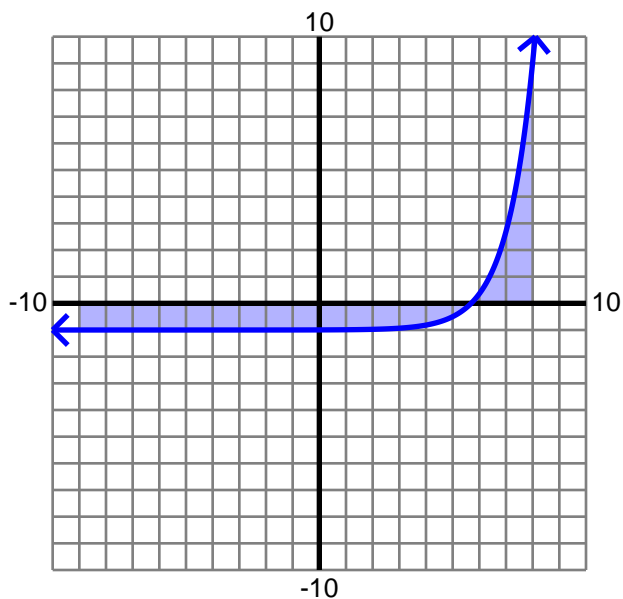
6) $y = 4e^x - 4$; $[-5, 1]$



7) $y = -3e^{x-4} - 3$; $[-7, 4]$



8) $y = \frac{1}{2}e^{x-5} - 1$; $[-9, 8]$



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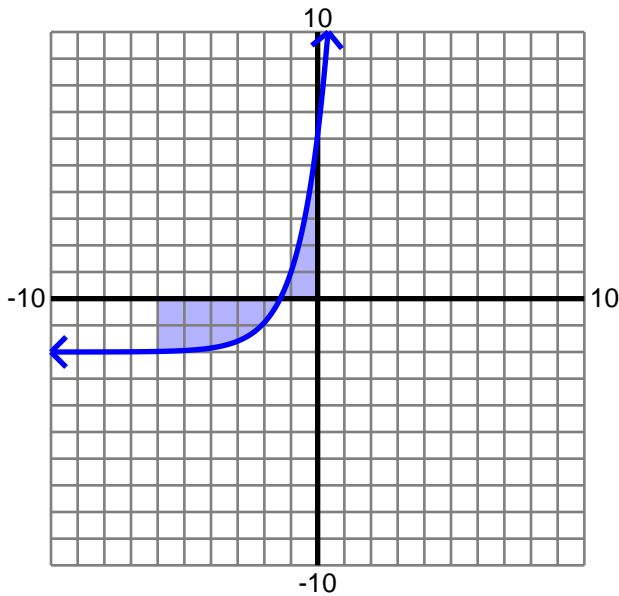
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Area Under a Curve

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

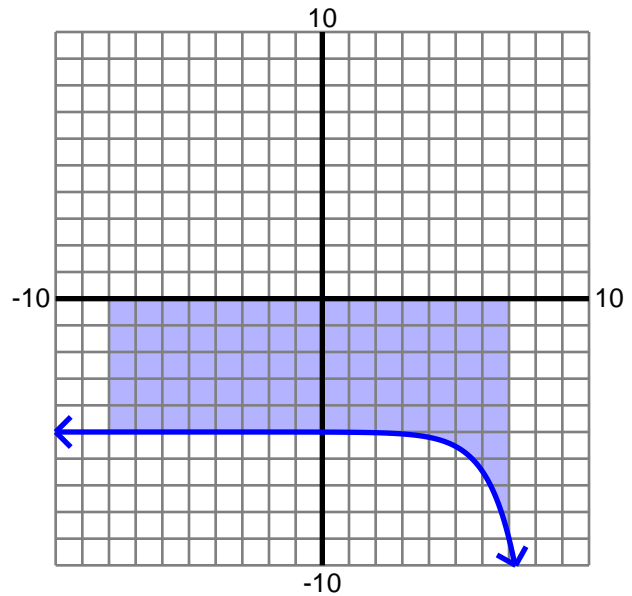
1) $y = 3e^{x+1} - 2$; $[-6, 0]$

-3.87



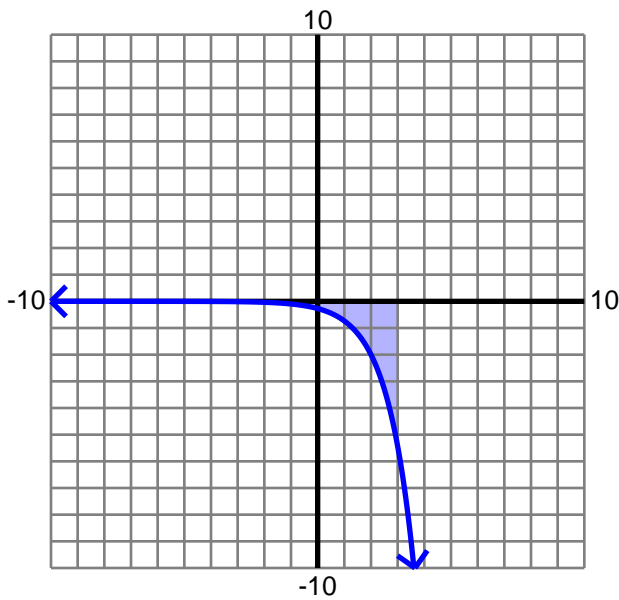
2) $y = -4e^{x-7} - 5$; $[-8, 7]$

-79



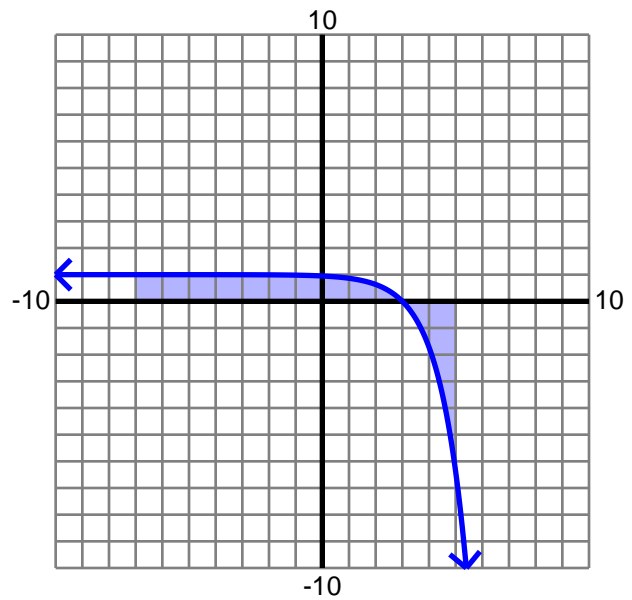
3) $y = -2e^{x-2}$; $[-9, 3]$

-5.44



4) $y = -e^{x-3} + 1$; $[-7, 5]$

4.61



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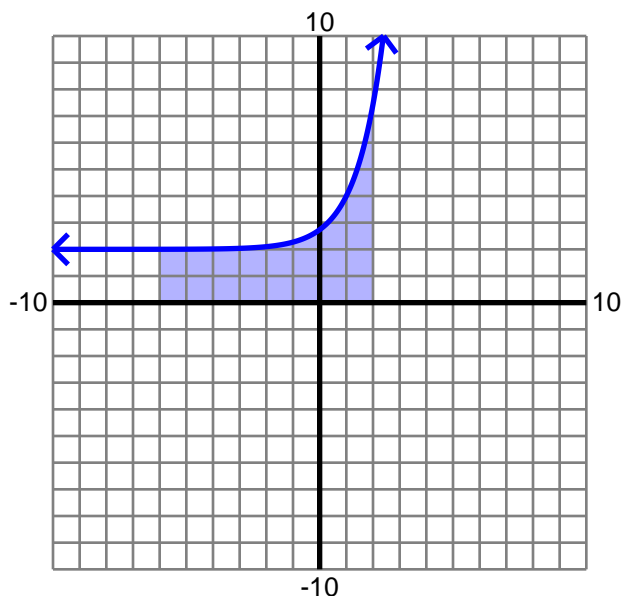
Date : _____

Area Under a Curve

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

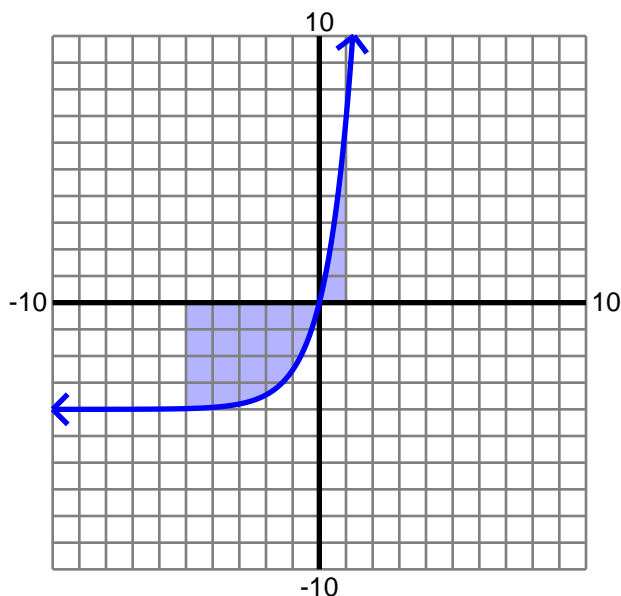
5) $y = 2e^{x-1} + 2$; $[-6, 2]$

21.43



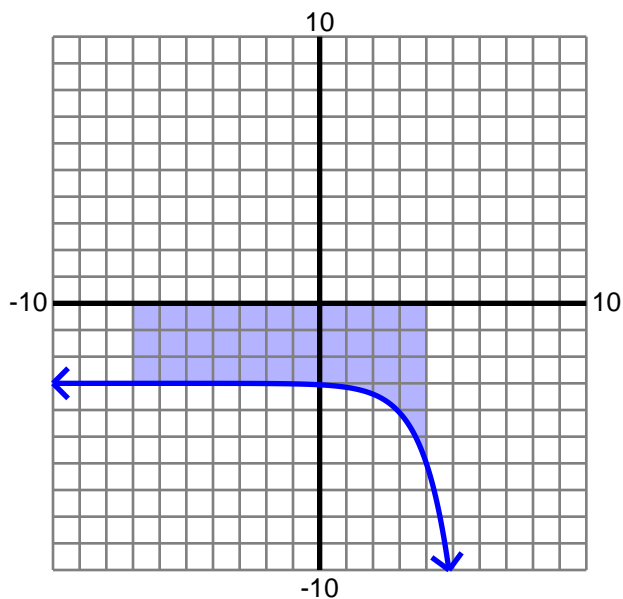
6) $y = 4e^x - 4$; $[-5, 1]$

-13.15



7) $y = -3e^{x-4} - 3$; $[-7, 4]$

-36



8) $y = \frac{1}{2}e^{x-5} - 1$; $[-9, 8]$

-6.96

