Question	Definite Integral	Integrate...	Evaluate Upper and Lower Limits	Volume of Revolution
Find the volume of the solid formed when the curve $x^2 = 4y$ is rotated $360°$ around the y-axis between $y = 1$ and $y = 4$	$\pi \int_{1}^{4} 4y \, dy$	$\pi \left[\dfrac{4y^2}{2} \right]_{1}^{4}$		
Find the volume of the solid formed when the curve $x = \frac{2}{3}y^2$ is rotated 2π radians around the y-axis between $y = 2$ and $y = 3$	$\pi \int_{2}^{3} \dfrac{4}{9} y^4 \, dy$			
Find the volume of the solid formed when the curve $x = \frac{1}{5}\sqrt{y^3}$ is rotated $360°$ around the y-axis between $y = 0$ and $y = 5$				
Find the volume of the solid formed when the curve $y = x^2 - 6$ is rotated 2π radians around the y-axis between $y = 1$ and $y = \frac{3}{2}$				
Find the volume of the solid formed when the curve $x = 3\sqrt{y}$ is rotated $360°$ around the y-axis between $y = 2$ and $y = \boxed{}$			18π	$\dfrac{405}{2}\pi$
Find the volume of the solid formed when the curve $y = 2x^2 - \boxed{}$ is rotated 2π radians around the y-axis between $y = 0$ and $y = 4$				10π