Math 102 - 7 Quiz # 4 A Sem 062
Name:_____ I.D.#:_____Serial #:_____

Q1 Find the area between the curves $y = x^3$, $y = x$ and $y = 1$.
Q2 Find the volume of the solid generated if the region bounded by the curves $y = \sqrt{x}$, $y = 0$ and $x = 1$ is rotating about x *axis*
Q3 Set up the integral (do not evaluate) to find the volume of the solid generated if the region bounded by the curves $y = x^2$ and $y = 1$ is rotating about $y = 2$

Math 102 - 7 Quiz # 4 A Sem 062
Name:_____ I.D.#:_____Serial #:_____

Q1 Find the area between the curves $y = x^3$, $y = x$ and $y = 1$.
Q2 Find the volume of the solid generated if the region bounded by the curves $y = \sqrt{x}$, $y = 0$ and $x = 1$ is rotating about x *axis*
Q3 Set up the integral (do not evaluate) to find the volume of the solid generated if the region bounded by the curves $y = x^2$ and $y = 1$ is rotating about $y = 2$

Math 102 - 16 Quiz # 4 A Sem 062
Name:_____ I.D.#:_____Serial #:_____

Q1 Find the area between the curves $y = x^2$, $y = x - 2$, x *axis* and $y = 1$.
Q2 Find the volume of the solid generated if the region bounded by the curves $y = \sqrt{x}$, $y = 0$ and $x = 1$ is rotating about x *axis*
Q3 Set up the integral (do not evaluate) to find the volume of the solid generated if the region bounded by the curves $y = 2x$, y *axis* and $y = 2$ is rotating about $x = 2$

Math 102 - 16 Quiz # 4 B Sem 062
Name:_____ I.D.#:_____Serial #:_____

Q1 Find the area between the curves $y = x^2$, $y = x - 2$, y *axis* and $x = 1$.
Q2 Find the volume of the solid generated if the region bounded by the curves $y = \sqrt{x}$, $x = 0$ and $y = 1$ is rotating about y *axis*
Q3 Set up the integral (do not evaluate) to find the volume of the solid generated if the region bounded by the curves $y = 3x$, y *axis* and $y = 3$ is rotating about $x = 5$

Math 102 - 19 Quiz # 4 A Sem 062
Name:_____ I.D.#:_____Serial #:_____

Q1 Find the area between the curves $y = x^3$, $y = x - 3$ and y *axis* .
Q2 Find the volume of the solid generated if the region bounded by the curves $y = 2x$, $x = 0$ and $y = 2$ is rotating about x *axis*
Q3 Set up the integral (do not evaluate) to find the volume of the solid generated if the region bounded by the curves $y = \sqrt{x}$, y *axis* and $y = 2$ is rotating about $x = 3$

Math 102 - 19 Quiz # 4 B Sem 062

Name:_____ I.D.#:_____Serial #:_____

Q1 Find the area between the curves $y \quad x^3$, $y \quad x \quad 2$ and $y \quad axis \quad$.

Q2 Find the volume of the solid generated if the region bounded by the curves $y \quad x$, $x \quad 0$ and $y \quad 1$ is rotating about $x \quad axis$

Q3 Set up the integral (do not evaluate) to find the volume of the solid generated if the region bounded by the curves $y \quad \sqrt{x}$, $y \quad axis$ and $y \quad 3$ is rotating about $x \quad 1$