

Answer on Question #42143 - Math – Algebra

The density Q of an object with a mass of 18 grams varies inversely with the volume V in milliliters, $Q=m/V$ Find $\lim Q$

$V \rightarrow 0^+$

Solution

$$Q = \frac{m}{V}$$

$$Q = \frac{18}{0}$$

$$Q = \infty$$

$$\lim_{V \rightarrow 0} \infty = \infty$$

Answer:

$$\lim_{V \rightarrow 0} \infty = \infty$$