$\begin{array}{c} \textbf{Partial Differentiation} \\ \textbf{\textit{Functions of more than one variable} \end{array}$

Question

Specify the domain of the function.

$$f(x, y, z) = \frac{xyz}{x^2 + y^2 + z^2}$$

Answer

The domain consists of all points in 3-D space, except for the origin.