BIOLOGY. A lab technician draws a sample of blood. A cubic millimeter of the blood contains $22^3$ white blood cells and $22^5$ red blood cells.

16. What is the ratio of the white blood cells to red blood cells?

\[
\text{white : red} = \frac{22^3}{22^5} = 22^{-2} = \frac{1}{22^2} \quad \text{or} \quad 1 \quad \text{white blood cell to 484 red blood cells.}
\]