Answer on Question #81439 – Math – Algebra

Question

There are 30 students in Ms. Yadav's math class. Today in math class, 16 students are wearing sneakers, 10 are wearing boots, and 4 are wearing other kinds of shoes. What fraction of Ms. Yadav's students are wearing boots?

Solution

There are 30 students today in math class.

It is given that 10 out of 30 people wear boots.

The fraction of students wearing boots is

$$k = \frac{10}{30} = \frac{1}{3} \approx 0.33$$

(in other words, approximately 0.33*100% = 33% of all students are wearing boots).

Answer: $\frac{1}{3}$ of students (it is about 33%) are wearing boots.