Surds

$$4 \sqrt{96} \rightarrow \sqrt{2x2x2x2x2x2} \rightarrow 4\sqrt{6}$$

Rational & Irrational Numbers

Rational Mumbers Humbers that can be written as a fraction of two integrals

① Whole numbers
$$\Rightarrow 5,7 \Rightarrow 5/1,57/1$$
② Terminating decimals $\Rightarrow 0.25 \Rightarrow \frac{25}{100}$
 \Rightarrow decimals which end
 $0-75 \Rightarrow 1.75$
 $\Rightarrow 1.00$

Indianal Numbers: Numbers that cannot be controlled a fractioned two integer

$$\frac{eq}{12}$$
 $\frac{71}{\sqrt{3}}$ and so on

write an implicant number blu 2 and 3