

Grade 8 Mathematics Worksheet

Real numbers

Questions:

Sort the following numbers into the categories

- i) Integer
- ii) Rational
- iii) Irrational
- iv) Undefined

$\frac{2}{3}$; $\sqrt{5}$; -3 ; $1,205$; $3,141592654\dots$; $\frac{1}{0}$; $1,1\dot{2}\dot{5}$

Grade 8 Mathematics Worksheet

Solution

$\frac{2}{3} \rightarrow$ rational

$\sqrt{5} \rightarrow$ irrational

$-3 \rightarrow$ integer

$1,205 \rightarrow$ rational

$3,141592654... \rightarrow$ irrational

$\frac{1}{0} \rightarrow$ undefined

$1,1\dot{2}\dot{5} \rightarrow$ rational