

The PSBB Millennium School, Coimbatore
(2019-20)

Class: IX Math Worksheet No: 2

Topic: Number systems.

- ① Classify the numbers in the table in the 5 categories.
Tick all the relevant categories.

Numbers	Rational	Irrational	Terminating	Non Terminating & recurring	Non terminating non-recurring
a) 30					
b) $1/\sqrt{2}$					
c) π					
d) $42/5$					
e) 0.66666...					
f) $1.\overline{234}$					
g) $\sqrt{9}$					

② Is $\sqrt{\frac{12}{15}}$ a rational number? Justify your answer.

③ Find 6 rational numbers between $-\frac{2}{7}$ and $-\frac{2}{5}$.

④ Write the following in decimal form.

a) $4\frac{1}{8}$

b) $\frac{5}{1000}$

c) $\frac{1}{6}$