



DOON PUBLIC SCHOOL

(C.B.S.E. Affiliation No. 1030502)

Holiday Assignment-4

Session-2021-22

Class -IX

Mathematics

Q.1.True/false

1. Is every real number a natural number?
2. Is every rational number a natural number?
3. Is every whole number an integers ?
4. Is every natural number a whole number?
- 5.Is every integers a natural number?

Q.2 Find the two rational numbers between the following two rational numbers

- (i) 2 and 3
- (ii) 0 and 1
- (iii) $\frac{1}{2}$ and $\frac{3}{5}$
- (iv) 0.5 and 1
- (v) $\frac{2}{3}$ and $\frac{3}{2}$

Q.3. Find the 7 rational numbers between the following two rational numbers

(i) $-\frac{2}{3}$ and $-\frac{3}{2}$

(ii) $\frac{3}{5}$ and $\frac{2}{3}$

(iii) $\frac{1}{2}$ and $-\frac{3}{5}$

(iv) 1 and $\frac{2}{3}$

(v) $\frac{3}{5}$ and $\frac{4}{5}$

Q.4. Convert the following rational numbers into decimal and say what kind of decimal expansion it has

(i) $\frac{3}{13}$

(ii) $\frac{13}{4}$

(iii) $\frac{145}{8}$

(iv) $\frac{874}{999}$