

## DOON PUBLIG 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) 1/2 and 3/5
- (iv) 0.5 and 1
- (v) 2/3 and 3/2

Q.3. Find the 7 rational numbers between the following two rational numbers  (i) -2/3 and -3/2  (ii) 3/5 and 2/3  (iii) -1/2 and -3/5  (iv) 1 and 2/3  (v) 3/5 and 4/5  Q.4. Convert the following rational numbers into decimal and say what kind of decimal expansion it has  (i) 3/13  (ii) 13/4  (iii) 145/8  (iv) 874/999	(i) -2/3 and -3/2 (ii) 3/5 and 2/3 (iii) -1/2 and -3/5 (iv) 1 and 2/3 (v) 3/5 and 4/5  Q.4. Convert the following rational numbers into decimal and say what kind of decimal expansion it has (i) 3/13 (ii) 13/4 (iii) 145/8		
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(ii) 13/4 (iii) 145/8	(ii) 13/4 (iii) 145/8		wing rational numbers into decimal and say what kind of decimal
(iii) 145/8	(iii) 145/8	(i ) 3/13	
		(ii) 13/4	
(iv) 874/999	(iv) 874/999	(iii) 145/8	
		(iv) 874/999	