

Department of Mathematics

Primary VI

Worksheet – 1

I. Write (R) for rational numbers and (IR) for the irrational numbers.

a) -12		h) $\sqrt{9}$		p) $12.\dot{2}$	
b) 6.5		i) $\sqrt{8}$		q) 1.907854	
c) $\frac{2}{5}$		j) $\sqrt[3]{8}$		r) $-\frac{9}{5}$	
d) $0.\overline{56}$		k) $\sqrt[3]{16}$		s) $\sqrt{23}$	
e) 2.56345		l) $0.\overline{25}$		t) $\sqrt{36}$	
f) 1.25365879		m) -9		u) $\sqrt[3]{36}$	
g) $-\frac{1}{5}$		n) 16.2		v) $\sqrt[3]{27}$	
		o) $1\frac{2}{5}$			

II. Answer the following questions by looking at the numbers given below.

(a) Choose all the natural numbers.

12	-3	0	1	-9	-1	+5	-7	11	23
0.5	-2.1	9.3	1.8	5.5	$-\frac{1}{2}$	$\frac{3}{2}$	$-\frac{9}{22}$	$\frac{7}{9}$	$\frac{8}{13}$

(b) Choose all the whole numbers.

12	-3	0	1	-9	-1	+5	-7	11	23
0.5	-2.1	9.3	1.8	5.5	$-\frac{1}{2}$	$\frac{3}{2}$	$-\frac{9}{22}$	$\frac{7}{9}$	$\frac{8}{13}$

(c) Choose all the decimal numbers.

12	-3	0	1	-9	-1	+5	-7	11	23
0.5	-2.1	9.3	1.8	5.5	$-\frac{1}{2}$	$\frac{3}{2}$	$-\frac{9}{22}$	$\frac{7}{9}$	$\frac{8}{13}$

(d) Choose all the fractions.

12	-3	0	1	-9	-1	+5	-7	11	23
0.5	-2.1	9.3	1.8	5.5	$-\frac{1}{2}$	$\frac{3}{2}$	$-\frac{9}{22}$	$\frac{7}{9}$	$\frac{8}{13}$

(e) Choose all the positive numbers.

12	-3	0	1	-9	-1	+5	-7	11	23
0.5	-2.1	9.3	1.8	5.5	$-\frac{1}{2}$	$\frac{3}{2}$	$-\frac{9}{22}$	$\frac{7}{9}$	$\frac{8}{13}$

(f) Choose all the positive integers.

12	-3	0	1	-9	-1	+5	-7	11	23
0.5	-2.1	9.3	1.8	5.5	$-\frac{1}{2}$	$\frac{3}{2}$	$-\frac{9}{22}$	$\frac{7}{9}$	$\frac{8}{13}$

(g) Choose all the negative numbers.

12	-3	0	1	-9	-1	+5	-7	11	23
0.5	-2.1	9.3	1.8	5.5	$-\frac{1}{2}$	$\frac{3}{2}$	$-\frac{9}{22}$	$\frac{7}{9}$	$\frac{8}{13}$

(h) Choose all the negative integers.

12	-3	0	1	-9	-1	+5	-7	11	23
0.5	-2.1	9.3	1.8	5.5	$-\frac{1}{2}$	$\frac{3}{2}$	$-\frac{9}{22}$	$\frac{7}{9}$	$\frac{8}{13}$

(i) Choose all the integers.

12	-3	0	1	-9	-1	+5	-7	11	23
0.5	-2.1	9.3	1.8	5.5	$-\frac{1}{2}$	$\frac{3}{2}$	$-\frac{9}{22}$	$\frac{7}{9}$	$\frac{8}{13}$

(j) Choose all the prime numbers.

12	-3	0	1	-9	-1	+5	-7	11	23
0.5	-2.1	9.3	1.8	5.5	$-\frac{1}{2}$	$\frac{3}{2}$	$-\frac{9}{22}$	$\frac{7}{9}$	$\frac{8}{13}$

III. Choose the correct answer.

(1) The first five counting numbers are

(a) 0, 1, 2, 3, 4

(b) 1, 2, 3, 4, 5

(c) 1, 3, 5, 7, 9

(2) The first five whole numbers are

(a) 0, 1, 2, 3, 4

(b) 1, 2, 3, 4, 5

(c) 1, 3, 5, 7, 9

(3) The first five prime numbers are

(a) 0, 1, 2, 3, 4

(b) 2, 4, 6, 8, 10

(c) 2, 3, 5, 7, 11

(4) Five odd numbers greater than 21 are

(a) 22, 23, 24, 25, 26

(b) 19, 17, 15, 13, 11

(c) 23, 25, 27, 29, 31

(5) Five even numbers between 20 and 32 are

(a) 22, 24, 26, 28, 30

(b) 20, 22, 24, 26, 28

(c) 21, 23, 25, 27, 29