

Worksheet 2015-9EA-00001(1)

(1) Complete the following table by making a ✓ in the appropriate column(s) to which each number belongs:

		N	N ₀	Z	Q	Q'	R
(a)	-5,52 ...						
(b)	$\sqrt[3]{-8}$						
(c)	$\frac{3}{7}$						
(d)	113						
(e)	$\sqrt{\frac{12}{4}}$						
(f)	π						
(g)	-292						
(h)	$\frac{0}{5}$						
(i)	$\sqrt[4]{64}$						
(j)	$(\sqrt{7})^2$						

(2) Express each of the following as a common fraction in its simplest form:

(a) 2,3 $\dot{2}$

(b) 0,5 $\dot{1}$

(c) 2,45

(d) $\sqrt{0,64}$

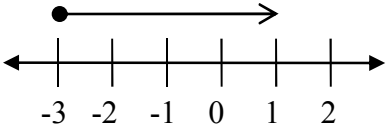
(3) Determine between which two integers the following irrational number will lie:

(a) $-\sqrt{27}$

(b) $\sqrt[3]{84}$

(4) Complete the following table:

	Set builder notation:	Interval notation:	Graphic representation:
(a)	$\{x / -2 < x \leq 1 ; x \in \mathbb{R}\}$		
(b)		$y \in (-\infty ; 0)$	

(c)	$\{m / m \leq 7 ; m \in \mathbb{N}\}$		
(d)			
(e)			