

Notes: Subsets

	Natural Numbers	Whole Numbers	Integers	Rational Numbers
Definition	Positive #'s (Counting #'s)	Positive #'s including zero	Positive & negative whole #'s including zero	Set of real #'s that can be expressed as a fraction, repeating or terminating
Examples	1, 2, 3, 8	1, 2, 3, 8 0	1, 2, 3, 8 0 -8, -60	1, 2, 3, 8 decimal. 0 -8, -60 • 5, $\frac{1}{2}$, $-\frac{3}{5}$, $\sqrt{23}$, $\sqrt{25}$

With a partner...
You do it together

Set - group of #'s or items that belong together

subsets - set of #'s that are part of another set of #'s

Identify all sets the given numbers belong to:

- ① 23 natural, integers, whole, natural counting
- ② $-\frac{10}{2}$ rational, integers
- ③ -8 rational, integers
- ④ 0 rational, integers, whole
- ⑤ .25 rational

With the class...
We do it together

