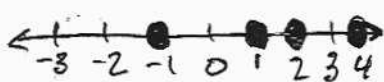


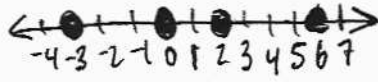
ALL PROBLEMS CAN BE COMPLETED ON THIS WORKSHEET

WS 6.1 - Subsets of the Real Numbers

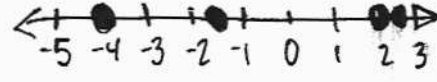
① $\{-1, 1, 2, 4\}$



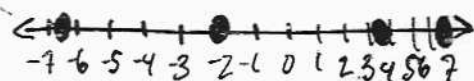
② $\{-3, 0, 2, 6\}$



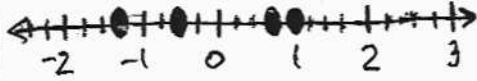
③ $\{-4, -1.5, 2, 2.5\}$



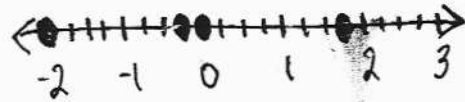
④ $\{-6.5, -2, 3.5, 7\}$



⑤ $\{-1\frac{1}{4}, -\frac{1}{2}, \frac{3}{4}, 1\}$



⑥ $\{-2, -\frac{1}{4}, 0, 1\frac{3}{4}\}$



	NATURAL NUMBERS	WHOLE NUMBERS	INTEGERS	RATIONAL NUMBERS	IRRATIONAL NUMBERS	REAL NUMBERS
⑦ 8	X	X	X	X		X
⑧ -11			X	X		X
⑨ $\frac{0}{10}$		X	X	X		X
⑩ 16.2				X		X
⑪ $-3\frac{1}{6}$				X		X
⑫ $-\sqrt{3}$					X	X

⑬ On this number line, is there a point that corresponds to $-\frac{2}{3}$? That corresponds to 100? Explain.

A number line from -4 to 4 with tick marks at every integer.

∴ Yes. Every real number corresponds to a point on the number line. It does not matter if it is labeled.