set S min S max S lower bound upper bound inf S sup S   1. $\{2, 4, 6, 8\}$ 2. $x \in [-3, 6]$ 3. $x \in (-3, 6]$ 4. N   5. Z   6. Q   7. $\{r \in Q   0 \le r \le \pi\}$	Bounds						Page 1
2. $x \in [-3, 6]$ 3. $x \in (-3, 6]$ 4. $\mathbb{N}$ 5. $\mathbb{Z}$ 6. $\mathbb{Q}$	set S	$\min S$	$\max S$	lower bound	upper bound	$\inf S$	$\underline{\sup  S}$
3. $x \in (-3, 6]$ 4. $\mathbb{N}$ 5. $\mathbb{Z}$ 6. $\mathbb{Q}$	<b>1.</b> {2, 4, 6, 8}						
4. ℕ 5. ℤ 6. ℚ	<b>2.</b> $x \in [-3, 6]$						
5. ℤ 6. ℚ	<b>3.</b> $x \in (-3, 6]$						
6. Q	<b>4.</b> N						
	<b>5.</b> Z						
7. $\{r \in \mathbb{Q}   \ 0 \leq r \leq \pi\}$	6. Q						
	7. $\{r \in \mathbb{Q}   0 \le r \le \pi\}$						

8.  $\{x \in \mathbb{R} | x^2 + x \leq 2\}$ [Hint: Write this set as an interval]