
<u>set S</u>	<u>$\min S$</u>	<u>$\max S$</u>	<u>lower bound</u>	<u>upper bound</u>	<u>$\inf S$</u>	<u>$\sup S$</u>
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1. $\{2, 4, 6, 8\}$

2. $x \in [-3, 6]$

3. $x \in (-3, 6]$

4. \mathbb{N}

5. \mathbb{Z}

6. \mathbb{Q}

7. $\{r \in \mathbb{Q} \mid 0 \leq r \leq \pi\}$

8. $\{x \in \mathbb{R} \mid x^2 + x \leq 2\}$

[Hint: Write this set as an interval]