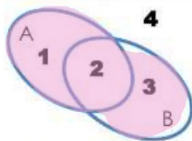
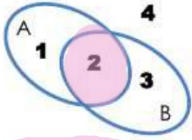
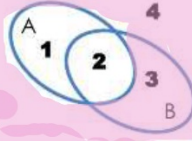
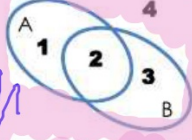
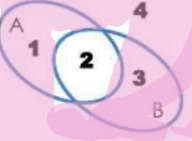


Name: _____ Date: _____ Period: _____

Set Notation	Pronunciation	Meaning	Venn Diagram	Answer
$A \cup B$	"A union B"	Everything in both sets		$\frac{6 \div 2}{10 \div 2} = \frac{3}{5}$
$A \cap B$	"A intersect B"	Only what is in common with both sets		$\frac{2 \div 2}{10 \div 2} = \frac{1}{5}$
\bar{A} or A'	"A complement"	Everything NOT in set A		$\frac{7}{10}$
$(A \cup B)'$	"not A union B"	Everything NOT in set A or set B		$\frac{4 \div 2}{10 \div 2} = \frac{2}{5}$
$(A \cap B)'$	"not A intersect B"	Everything NOT in common between set A and set B		$\frac{8 \div 2}{10 \div 2} = \frac{4}{5}$