

Fill in the Blanks

Venn Diagrams and Set Notation

In all questions $\xi = \{\text{Integers from 1 to 12 inclusive}\}$

Sets	Venn Diagram	$A \cup B$	$A \cap B$	$A' \cap B$	$(A \cup B)'$
$A = \{\text{multiples of 3}\}$ $B = \{\text{factors of 12}\}$			$\{3, 6, 12\}$		$\{5, 7, 8, 10, 11\}$
$A = \{\text{prime numbers}\}$ $B = \{\text{odd numbers}\}$					
$A = \{\text{integers less than 7}\}$ $B = \{\text{square numbers}\}$					
			$\{1, 8\}$	$\{\}$	$\{3, 5, 6, 7, 9, 10, 11, 12\}$
		$\{1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12\}$	$\{6, 9, 12\}$	$\{5, 7, 8, 10, 11\}$	