Fill In The Blanks...

Venn Diagrams and Set Notation

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

Sets	Venn Diagram	$A \cup B$	$A \cap B$	$A' \cap B$	$(A \cup B)'$
$A = \{multiples\ of\ 3\}$ $B = \{factors\ of\ 12\}$		$\{1, 2, 3, 4, 6, 9, 12\}$	$\{3, 6, 12\}$	$\{1, 2, 4\}$	$\{5, 7, 8, 10, 11\}$
$A = \{prime\ numbers\}$ $B = \{odd\ numbers\}$		$\{1, 2, 3, 5, 7, 9, 11\}$	$\{3, 5, 7, 11\}$	$\{1, 9\}$	$\{4, 6, 8, 10, 12\}$
$A = \{integers\ less\ than\ 7\}$ $B = \{square\ numbers\}$		$\{1, 2, 3, 4, 5, 6, 9\}$	$\{1, 4\}$	$\{9\}$	$\{7, 8, 10, 11, 12\}$
$A = \{square\ numbers\}$ $B = \{prime\ numbers\}$		$\{1, 2, 3, 4, 5, 7, 9, 11\}$	$\{\}$	$\{2, 3, 5, 7, 11\}$	$\{6, 8, 10, 12\}$
$A = \{factors\ of\ 8\}$ $B = \{cube\ numbers\}$		$\{1, 2, 4, 8\}$	$\{1, 8\}$	$\{\}$	$\{3, 5, 6, 7, 9, 10, 11, 12\}$
$A = \{factors\ of\ 36\}$ $B = \{integers > 4\}$		$\{1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12\}$	$\{6, 9, 12\}$	$\{5, 7, 8, 10, 11\}$	$\{\}$