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}	{}