Basic Set Notation

A	B	A ∩ B	A ∪ B
{1, 2, 3, 4, 5}	{4, 5, 6, 7, 8}	{4, 5}	{1, 2, 3, 4, 5, 6, 7, 8}
{1, 3, 5, 7}	{5, 6, 7, 8, 9}		
{a, b, c, d, e}	{b, c, d, e, f}		
{0, 1, 2, 3}	{4, 5, 6, 7, 8}		
Odd numbers from 1 to 9 inclusive	*Prime numbers less than 10*		
Square numbers less than 20	*Multiples of 4 from 4 to 20 inclusive*		
Even numbers from 2 to 12 inclusive	*Multiples of 3 less than 15*		
{1, 4, 7, 10, 13}	*Square numbers less than 20*		
Odd numbers from 1 to 9 inclusive	*Even numbers from 2 to 10 inclusive*		
{5, 6, 7, 8, 9}		{5, 6}	{3, 4, 5, 6, 7, 8, 9}
	{2, 4, 6, 8}	{2, 4, 6}	{1, 2, 3, 4, 5, 6, 8}
{11, 12, 13, 14}		{13}	{11, 12, 13, 14 17, 19, 23}
	{4, 5, 6, 7}	{}	{0, 1, 2, 3, 4, 5, 6, 7}
Square numbers less than 20		{1, 4, 16}	{1, 2, 4, 8, 9, 16}
	Factors of 10	{5, 10}	{1, 2, 5, 10, 15, 20}