

Explorations and Activities Exercise

►. Complete the following table parts 1–5. Just fill in the provided table (two examples are given).

	English Form	Hypothesis	Conclusion	Symbolic Form
Two Sample Examples				
ex.	If $P$ , then $Q$ .	$P$	$Q$	$P \implies Q$
ex.	$Q$ only if $P$	$Q$	$P$	$Q \implies P$
Now five for you.				
<b>1</b>	$P$ is necessary for $Q$			
<b>2</b>	$P$ is sufficient for $Q$			
<b>3</b>	$P$ only if $Q$			
<b>4</b>	$P$ if $Q$			
<b>5</b>	If $P \vee Q$ , then $R$			