

Assessment 2 2, 6, 8(b), 24

2 "p only if q" can be written as
"if p, then q."

The statement can be written as
"If m, then (e or p) using these symbols
$$\boxed{m \rightarrow (e \vee p)}$$

6 U only if $[(b_{32} \wedge g_{16} \wedge h_{16}) \vee (b_{64} \wedge g_{32} \wedge h_{32})]$

8 B) The statement can be written as
if (p and r), then q can be written using
these symbols

$$(p \wedge r) \rightarrow q$$

24 A is a knave
B is a knight