102 Simplify

(a) $\Sigma\,((0,..n) \to m)$

(b) $\Pi\,((0,..n) \to m)$

(c) $\forall\,((0,..n) \to b)$

(d) $\exists\,((0,..n) \to b)$

After trying the question, scroll down to the solution.

(a) $\Sigma\,((0,..n) \to m)$
§ $n \times m$

(b) $\Pi\,((0,..n) \to m)$
§ m^n

(c) $\forall\,((0,..n) \to b)$
§ $n>0 \Rightarrow b$

(d) $\exists\,((0,..n) \to b)$
§ $n>0 \wedge b$