SUVA SANGAM COLLEGE

YEAR 10

MATHEMATICS

WORKSHEET 7

Strand 3:	Numbers
Sub-strand:	Rules of Indices and Problem Solving
Content learning outcome	Study and apply rules of indices

Questions

No	**Concept in brief:** Apply rules of indices.
1.	$p^7 \div p^3$ can be simplified to: A.　p^{21}　　　　B.　p^{10}　　　　C.　p^4　　　　D.　p^{-4}
2.	4^{-2} is equivalent to A.　-8　　　　B.　-2　　　　C.　$\frac{1}{8}$　　　　D.　$\frac{1}{16}$
3.	Simplify the following (i) $(k^2)^3$ (ii) $14h^3 \div 7h^3$