Name:	Class: Date:				
		Mark	/ 10	%	
1) Evaluate				[6]	
a) 8 ²					
b) 2^3					
c) 10 ⁵					
d) 2 ¹⁰					
e) $\sqrt{25}$					
f) $\sqrt[3]{1}$					
2) Evaluate, rounding your	answer to 3 significant fi	gures		[1]	
$\sqrt[2]{7.55}$					
3) Write in index form				[3]	
a) $7 \times 7 \times 7$					
b) $7 \times 7 \times 3 \times 3$					
c) $\frac{7 \times 7 \times 7 \times 7 \times 7}{7 \times 7 \times 7}$					

Solutions for the assessment Powers and Roots

1) a) 64	b) 8
c) 100000	d) 1024
e) 5	f) 1
2) 2.75	
3) a) 7 ³	b) $3^2 \times 7^2$

c) 7²

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