Penang Sangam High School
Year 10 Mathematics 2021

Week 6

1.	$15 - 4 + 7 \times 2$ equals A. 36 B. 25 C. 9 D. 11	Use Bedmas
2.	. The expression $\frac{1}{16}$ is equivalent to A. 4^2 B. 4^3 C. -4^2 D. 3^{-4}	Laws of indices

3.	p x p x q x q x q
	
	    A. 2p x 3q
	    B. p²q
	    C. p²q³
	    D. 2pq
		Laws of indices

4.	Simplify $4x^0 + (3x)^0 - (7x)^0$	x^0

5.	Write in base -index form
	   a. $4 \times a \times a \times a$
	
	   b. $-6 \times -6 \times -6$	

6.	Simplify
	   a. 3^{-2}
	
	   b. $(3^2)^3$	

7.	. Simplify the following
	
	   a. $p^2 \times p^3$
	
	   b. $f^4 \div f^3$
	
	   c. $\dfrac{24ab}{9a}$	

8.	Write in expanded form
	
	   a. x^5
	
	   b. $5m^3 + 6n^4$	

The End