Exponent Laws – Assignment I

Question		Express as a single power	Evaluate if the power does not involve a variable
1	$5^2 \times 5^3 \times 5^4$		
2	$3 \times 3^{10} \times 3^6$		
3	$2^{-3} \times 2^8$		
4	$10^2 \times 10^{-3} \times 10^4$		
5	$x^2 \times x^5 \times x^8$		
6	$(-7)^3(-7)^2(-7)$		
7	$(9)^{10}(9)^{-13}(9)^5$		
8	$5a^2 \times a^2 \times a^3$		
9	$-2^2 \times 2^{-6} \times 2^8$		
10	$4b^3 \times b^{-5} \times a^6 \times b^{10} \times a^5$		