Write each product as	s a repeated multiplica	ation then as a single exp	onent (power).	
$(3^3)^2 = (3 \times 3 \times 3)^2$	$= \underbrace{(3 \times 3 \times 3) \times (3 \times 3)}_{3 \times 3} \times \underbrace{(3 \times 3)}_{$	3×3)¥3°		
$(5^2)^3 =$				
$(7^3)^2 =$				
Write the following :	as a single nower (eyn	onent). Show your work.		
	as a single power (exp	onentj. Snow your work.		
$(4^3)^2 = 4^{3 \times 2} = 4^6$	) (1	$(2^2)^3 =$	$(5^2)^2 =$	
$(8^2)^5 =$	C	$(7^3)^4 =$	$(9^5)^2 =$	
		, ,		
Write as a multiplica	tion of two powers.			
$[7 \times 2]^2 =$	$[3 \times 2]^2 =$	$[5 \times 3]^2 =$	$(6 \times 7)^3 =$	
Write the following a	s a single power.			
$(7 \times 2)^2 =$	$[3 \times 2]^2 =$	$[5 \times 3]^2 =$	$(6 \times 7)^3 =$	
Write as a division o	f two powers.			
$\left(\frac{3}{5}\right)^3 =$	$\left(\frac{5}{7}\right)^2 =$	$\left(\frac{9}{4}\right)^2 =$	$(1)^{2}$	
$\left(\overline{5}\right) =$	(7) =	$\left(\frac{1}{4}\right) =$	$\left(\frac{1}{2}\right)^2 =$	
Multiply the expone	ents.			
$[7x]^2 = 7^2 x^2$	$[3x]^2 =$	$[5x^3]^2 =$	$2[3x^4]^2 =$	