

LAWS OF INDICES

– MULTIPLICATION and DIVISION

LESSON 10 -11

INDEPENDENT PRACTICE:

**SIMPLIFY THE FOLLOWING ALGEBRAIC EXPRESSIONS
BELOW:**

1. UNDER MULTIPLICATION

EXPRESSION	STEP 1	STEP2	RESULT
$5x^3 \times 6x^2$			
$4x^3 \times 5x^4$			
$3x \times 4x^3$			
$2x^2 \times 3x^2$			
$x^3 \times 2x$			
$3x^4 \times 4y^5$			
$5y^4 \times 2y^3$			
$2y^3 \times 3xy^2$			
$5y^4 \times 3xy^3$			
$3x^3y^2 \times 2x^4y^5$			

2. UNDER DIVISION

EXPRESSION	STEP 1	STEP 2	RESULT
$12x^3 \div 6x^2$			
$15x^6 \div 5x^4$			
$8x^5 \div 4x^3$			
$18x^2 \div 3x^2$			
$2x^3 \div 2x$			
$12y^8 \div 4y^5$			
$10y^4 \div 2y^3$			
$6x^3y^5 \div 3xy^2$			
$15x^4y^3 \div 3xy^3$			
$16x^5y^7 \div 2x^4y^5$			