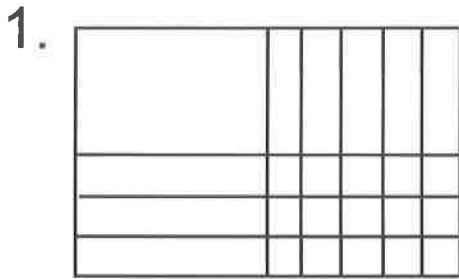
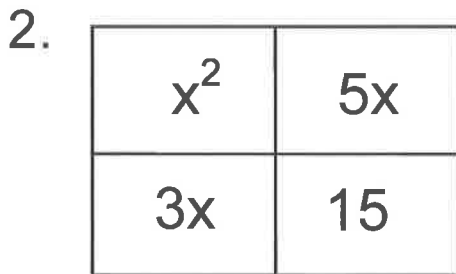


TOPIC # 4 – 1: Blocks and Boxes



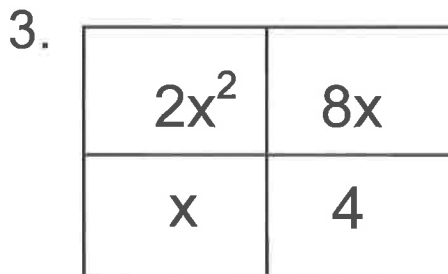
Product: _____

Factors: _____



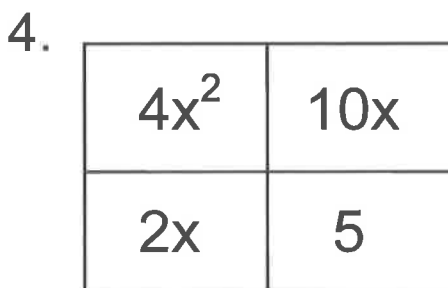
Product: _____

Factors: _____



Product: _____

Factors: _____



Product: _____

Factors: _____

5.

x^2	$-6x$
$-9x$	54

Product: _____

Factors: _____

6.

$2x^2$	$10x$
$-7x$	-35

Product: _____

Factors: _____

Steps in the factoring Process

(1) Put the numbers in the correct position in each box.

(2) Write the product.

(3) Write the factors.

7.

 $x^2, 8x, -6x, -48$

Product: _____

Factors: _____

8.

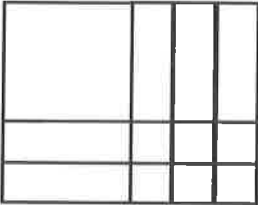
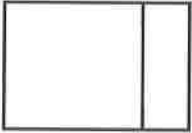
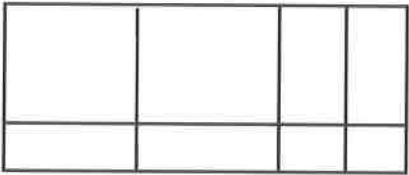
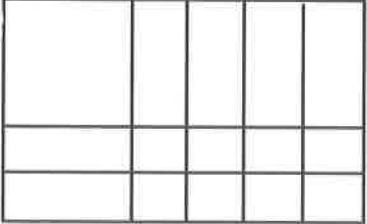
 $-21x, 70, 3x^2, -10x$

Product: _____

Factors: _____

Blocks and Boxes

For each problem find the product and the factors.

	TILES	PRODUCT	FACTORS
1.			
2.			
3.			
4.			

PRODUCT

FACTORS

5.

$2X^2$	$4X$
$5X$	10

6.

X^2	$4X$
$8X$	32

7.

X^2	$-4X$
$4X$	-16

8.

$2X^2$	$-X$
$-8X$	4

9.

$4X^2$	$36X$
$7X$	63

1. Put the numbers in the correct position in each box.
2. Write the product
3. Write the factors.

10.

$2X^2, 8x, x, 4$

Product: _____ Factors: _____

11.

$X^2, 5x, 8x, 40$

Product: _____ Factors: _____

12.

$30, 8X, 15X, 4X^2$

Product: _____ Factors: _____

13.

$-4X, X^2, 6X, -24$

Product: _____ Factors: _____