

Apr. 16

Warm Up

1) Expand  $3(2x+5)(x+4)$

2) Factor

a)  $30x^4y^7 - 24x^3y - 18x^2y$   
 $6x^2y(5x^2y^6 - 4x - 3)$

b)  $14a - 12b$   
 $2(7a - 6b)$

c)  $1 - 64t^2$  Diff of sq.  
 $(1 - 8t)(1 + 8t)$

d)  $2x^2 - x - 6$

↑ differ  
 ↓ sign on larger

1st & last mult	mid add
-12	-1
+1x12	
+2x-6	
+3x4	

e)  $x^2 + 6x + 9$   
 $(x+3)(x+3)$

$2x^2 - 4x + 3x - 6$   
 $2x(x-2) + 3(x-2)$

mult | add  
 +9 | +6  
 +1x+9  
 +3x+3

$(x-2)(2x+3)$

- 1) GCF
- 2) Simple
- 3) Hard
- 4) diff of sq.
- 5) Perfect Sq. tri.

1)

$$3(2x+5)(x+4)$$
$$(6x+15)(x+4)$$
$$6x^2 + 24x + 15x + 60$$
$$6x^2 + 39x + 60$$

prime

- 2
- 3
- 5
- 7
- 11
- 13
- 17
- 19
- 23
- 29
- 31
- 37
- :
- :

Class/  
Homework

Page 194 #4a,c,e, #5a,b, #6  
Page 198  
Questions: 1d, 13, 20a, , 28ab, 30a, 32,33,

## Attachments

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Factoring TEST Review Worksheet (A Mix of Simple Hard & Special).pdf

Day 12.5\_ Perfect Squares Test Review \_HW Solutions to Day 12.notebook

Chapter 3 Test\_2017\_TEST REVIEW.doc