March 29, 2012

Alg1

Nothing to correct so get out your notes

3/29 - Difference of Squares and Perfect Squares

Subtract

$x^2 - 4$

$= x^2 - 2^2$

$= (x+2)(x-2)$

$+2x$

$-2x$

0

$v^2 - 36$

$= (v+6)(v-6)$

$n^2 - 10n + 25$

$1 \cdot 25$

$5 \cdot 5$

$= (n - 5)(n - 5)$

$-5n$

$-5n$

$-10n$

$= (n-5)^2$

$r^2 + 4r + 4$

$2 \cdot 2$

$= (r+2)(r+2)$

or

$(r+2)^2$

$$n^2 - 16$$

$$= (n+4)(n-4)$$

$$x^2 + 8x + 16$$

$$= (x+4)^2$$

4 4

$v^2 + 12v + 32$

8 4

$= (v + 8)(v + 4)$

$m^2 + 2m - 24$

6 4

$= (m + 6)(m - 4)$

Homework

Pink Polynomials WS6

Due Today