

March 29, 2012

Alg1

Nothing to correct so get out your notes



3/29 - Difference of Squares and Perfect Squares
Subtract

$$\begin{aligned} & \underline{x^2} - \underline{4} \\ = & \underline{x^2} - \underline{2^2} \\ = & (x+2)(x-2) \\ & \begin{array}{r} +2x \\ -2x \\ \hline 0 \end{array} \end{aligned}$$

$$\begin{aligned} & v^2 - 36 \\ = & (v+6)(v-6) \end{aligned}$$

$$\begin{aligned} n^2 - 10n + 25 \\ = (n - 5)(n - 5) \\ \begin{array}{r} -5n \\ -5n \\ \hline 10n \end{array} \\ = (n - 5)^2 \end{aligned}$$

$$\begin{aligned} r^2 + 4r + 4 \\ = (r + 2)(r + 2) \\ \text{or} \\ (r + 2)^2 \end{aligned}$$

$$n^2 - 16$$
$$= (n+4)(n-4)$$

$$x^2 + 8x + 16$$
$$= (x+4)^2$$

$$v^2 + 12v + 32$$

8 4

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

$$m^2 + 2m - 24$$

6 4

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

Homework

Pink Polynomials WS6

Due Today