

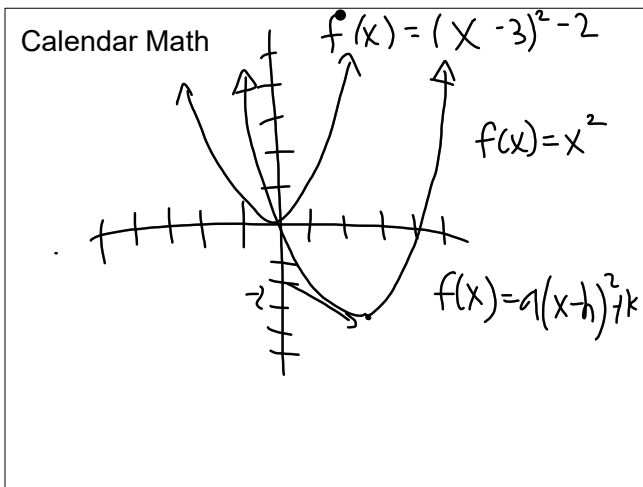
Quiz
 Questions on redos
 Calendar Math
 1.5 Finding Zeros
 HW 1.5 Finding Zeros Worksheet
 Unit Review 9/13
 Unit Test 9/15 -All redo, late and absent work.

Sep 7-7:24 AM

Lesson Objective:
 Demonstrate understanding how to factor by taking the factoring quiz.

 Demonstrate understanding how to find zeros by taking the finding zeros quiz and getting at least 80% on your 1.5 worksheet.

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Homework Questions

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Zero Function: is an input value that produces a zero.

Zero Product Property: if $a \times b = 0$ then $a = 0$ or $b = 0$

Finding Zeros: so if $a(x-p)(x-q) = 0$ then $(x-p) = 0$, $(x-q) = 0$, or $a = 0$

$f(x) = a(x-p)(x-q)$

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ex | - $f(x) = 2x(x+7)$

$\frac{2x}{2} = \frac{0}{2} \quad x = 0$

$x + 7 = 0 \quad x = -7$

Zeros $\{0, -7\}$

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13) $\left\{ \frac{2}{3}, 0 \right\}$

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14) $\left\{ \frac{-8}{5}, 1 \right\}$

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16) $\left\{ 0, \frac{8}{5} \right\}$

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15) $\left\{ 4, \frac{-5}{3} \right\}$

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7) $2r^2 + 2r - 7 = -3r + r^2 - 1$
 $-r^2 + 3r + 1 \leftarrow +3r - r^2 + 1$
 $r^2 + 5r - 6 = 0$

$\begin{array}{r} -6 \\ -1 \times 5 \end{array}$ $(r+6)(r-1)$
 $r+6=0 \quad r=-6$
 $r-1=0 \quad r=1$
 $\begin{array}{cc} +1 & +1 \end{array}$

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17) $\left\{ -3, 7 \right\}$

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