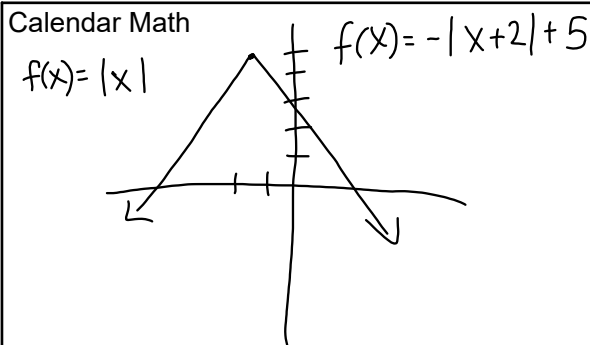


Unit 1 Quiz
 Calendar Math
 Unit 1 Review
 Unit 1 Test 9/15
 All late, absent and redo work due 9/15!!

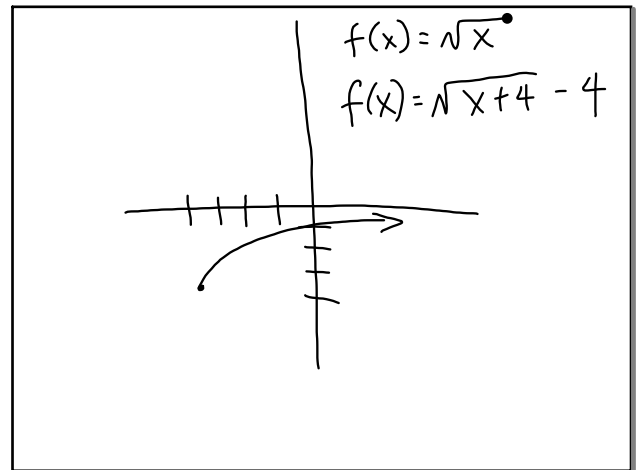
Sep 13-7:02 AM

Unit 1 Quiz
 Grab Bubble Sheet and Quiz
 Do not write on quiz paper, get out a scratch piece of paper.

Sep 13-7:20 AM



Sep 13-7:03 AM



Sep 13-7:57 AM

Unit 1 Review

② $-10m^4 - 5 - 6m^2 + 3m^3$

SF: $-10m^4 + 3m^3 - 6m^2 - 5$

D: 4

LC: -10

C: -5

Sep 13-7:04 AM

④ $(6x^2 + 2x^3) + (6x^2 + 5x^3 + x) - (7x^3 + 4x)$

$6x^2 + 2x^3 + 6x^2 + 5x^3 + x - 7x^3 - 4x$

$+7x^3$

$12x^2 - 3x$

Sep 13-8:01 AM

⑦ $(?) - (3r + 2r^2 + r^3) = 8r^4 + r^3 - 2r^2 - 9r$

$? - 0 = 8r^4$ $? - 3r = -9r$
 $+8r^4 - 0 = 8r^4$ $-6r - 3r = -9r$

$? - r^3 = r^3$ $8r^4 + 2r^3 - 6r$

$+2r^3 - r^3 = r^3$
 $? - 2r^2 = -2r^2$
 $-2r^2 = -2r^2$

Sep 13-8:05 AM

⑨ $(3p^2 - 4p + 1)(p^2 - 6p - 2)$

	p^2	$-6p$	-2
$3p^2$	$3p^4$	$-18p^3$	$-6p^2$
$-4p$	$-4p^3$	$24p^2$	$8p$
1	p^2	$-6p$	-2

$3p^4 - 22p^3 + 19p^2 + 2p - 2$

Sep 13-8:10 AM

⑩ $9x^3 - 3x^2 - 56x$

GCF: x $x(9x^2 - 3x - 56)$

-504	\downarrow
$-24 \quad 21$	$x(9x - 24)(9x + 21)$
-3	$\downarrow \quad \downarrow \quad \downarrow \quad \downarrow$
	$x(3x - 8)(3x + 7)$

Sep 13-8:16 AM

⑪ $3v^2 + 30v$

GCF: $3v$ $3v(v + 10)$

Sep 13-8:22 AM

⑫ $\sqrt{9x^2} = \pm 3x$

$(3x + 4)(3x - 4)$

Sep 13-8:24 AM

⑬ $2b^2 - 4b$

GCF: $2b$ $2b(b - 2)$

Sep 13-8:25 AM

25) $a \cdot X^2 + 4X - 5 = 0$

$\begin{matrix} -5 \\ 5 \end{matrix} \times \begin{matrix} -1 \\ 4 \end{matrix}$

$(X + \underset{=0}{5})(X - \underset{=0}{1})$

$X + \underset{-5}{5} = 0 \quad X = -5$

$X - \underset{+1}{1} = 0 \quad X = 1 \quad \{-5, 1\}$

Sep 13-8:26 AM

23) $3v^2 + 2v - 17 = 4$

$\begin{matrix} -4 & -4 \end{matrix}$

$3v^2 + 2v - 21 = 0$

$\begin{matrix} -63 \\ 9 \end{matrix} \times \begin{matrix} -7 \\ 2 \end{matrix}$

$(\frac{3v+9}{3})(3v-7)$

$(v+3)(3v-7)$

$v+3 = 0 \quad v = -3$

$3v-7 = 0 \quad \frac{3v}{3} = \frac{7}{3} \quad v = \frac{7}{3}$

$\{-3, \frac{7}{3}\}$

Sep 13-8:29 AM

2) $(4a^3 - 6a^2 - 1) - ? = 8a^4 + 5a^3 - 13a^2$

$0 - ? = 8a^4 \quad \boxed{-8a^4 - a^3 + 7a^2}$

$4a^3 - ? = 5a^3$

$-6a^2 - ? = -13a^2$

$-1 - ? = -1$

Sep 13-8:37 AM

5) $7n^2 + 15n + 8 = 0$

$\begin{matrix} 56 \\ 7 \end{matrix} \times \begin{matrix} 8 \\ 15 \end{matrix}$

$(\frac{7n+7}{7})(7n+8)$

$(n+1)(7n+8)$

$n+1 = 0 \quad n = -1$

$7n+8 = 0 \quad n = -8/7$

$\{-1, -8/7\}$

Sep 13-8:44 AM