

Zeros and Multiplicity Quiz

~~Calendar Math~~

Homework Questions

Review Activity

Work On Review

Unit 2 Test 9/29 Late, Absent, Redo Work Due



Sep 26-7:07 AM

Homework Questions

(18) $\frac{2x^2+6x+2}{x-2}$

$$\begin{array}{r} x-2 \overline{) 2x^3+x^2-8x-4} \\ \underline{-(2x^3+4x^2)} \\ 5x^2-8x \\ \underline{-(5x^2+10x)} \\ 2x-4 \\ \underline{-(2x+4)} \\ 8 \end{array}$$

$\frac{2x^2+5x+2}{(x+2)(2x+1)}$

$x+\frac{1}{2} = \frac{0}{2}$
 $2x+1=0$
 $x = -\frac{1}{2}$

$\frac{2x+1}{2} \quad x = -\frac{1}{2}$

$\sum -2, -\frac{1}{2}$

Sep 26-7:09 AM

(20)

$A = b \cdot h$
 $\sqrt{256} = b^2$
 $16 = b$
 $A = 18 \cdot 16 = 288$ (A)

$20^2 = 12^2 + b^2$
 $400 = 144 + b^2$
 $-144 \quad -144$

Sep 26-7:55 AM

(11)

$$\frac{n^2-5n+8}{9n+2} \quad (r=-1) \quad -\frac{1}{9n+2}$$

$$\begin{array}{r} 9n+2 \overline{) 9n^3-43n^2+62n+15} \\ \underline{-(9n^3+2n^2)} \\ -45n^2+62n \\ \underline{-(+45n^2+10n)} \\ 72n+15 \\ \underline{-(72n+16)} \\ 0 \quad (-1) \end{array}$$

Sep 26-9:51 AM

ATTACK! Review Edition

Each group have someone come to the board and draw an apple.

Group is chosen, if you get it right you attack another groups apple.

Apple with 5 holes loses, but can still get revenge!

Last apple(group) standing wins!

Sep 26-7:09 AM

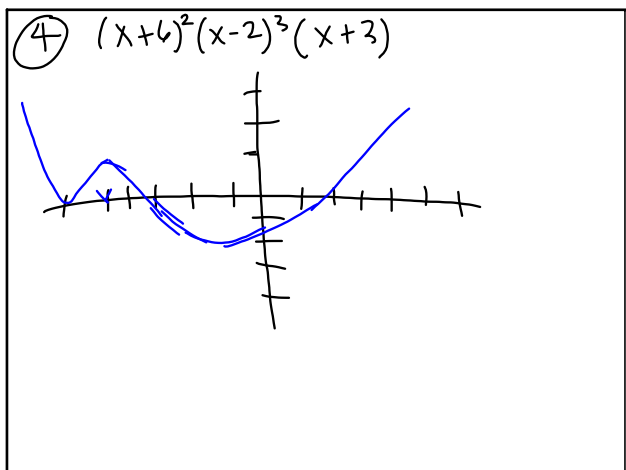
1. $f(x) = -3x^3 + 2x + 16$

2. $f(x) = 2x(x^2-25)(x+2)^2$

3. $4x^3 - 2x^2 + 8x + 16$

a.
b.
c.
d.

Sep 26-8:13 AM



Sep 26-8:26 AM

⑤ $f(x) = 5x^3 - 15x^2 + 2x + 10, x = -1$

⑥ $f(x) = x^3 + 27$

⑦ $4x^3 - 14x^2 - 6x + 5 \div 2x + 1$

⑧ $f(x) = x^3 - 25x$

⑨ $x = -2, 3i, -3i$

⑩ $bx^3 + bx$
 $bx(x^2 + 1)$
 $bx = 0 \quad (x+i)(x-i)$
 $x = 0 \quad x+i = 0 \quad x = -i$
 $\quad \quad x-i = 0 \quad x = i$
 $\quad \quad +i + i$
 $(0, -i, i)$

Sep 26-8:33 AM