No opener today

Take out your BLUE homework 9.3

We will correct it and then take a quiz :)

	H Equations from Sequences W YOUR WORK, WORK IN PENCIL	Name:	Per:
Find	If the missing terms for each sequence. Circle if it is the the recursive and explicit equations based on the	_	ommon ratio and find it.
	1. $5, 11, 17, 23, 29, 35$ Dor R $\frac{1}{2}$	4. 2, 6, 18, 162	D of R
(5)	f(2) = 5 Recursive Eq: $f(x) = f(x)Explicit Equation: f(x) = 6x$	f(-1) = 2 Recurs Explicit Equation:	
5	2. 7, 3, -1, $\frac{1}{2}$, -13 Dor R $\frac{1}{2}$ $f(2) = 7$ Recursive Eq: $\frac{1}{2}$	5. 5, 15 , 20 f(1) = 15 Recurs Explicit Equation:	ive Eq: $f(x) + S - f(x)$
3	3. 20, 10, 5, 2.5, 1.25 D or R /2	6. $10, 20$ $40, -80, 10$ $f(3) = 10$ Recurs	DorR
5	f(1) = 20 Recursive Eq: $+(x) = +(x)$ Explicit Equation:	Explicit Equation:	(/.)
	the two consecutive terms in an arithmetic seque		rence. Find the two given
	is. Then write the recursive and explicit equation 7. If $f(3) = 5$ and $f(4) = 8$, $d = 3$		5
	find $f(5) = \frac{1}{2}$ and $f(6) = \frac{1}{2}$	9. If $f(5) = 3.7$ and $f(11) = 3.7$	f(6) = 8.7, $d =and f(12) = 3$
(5)	Recursive: $f(x) = f(x-1) + 3$ Explicit: $f(x) = 3x - 4$	Recursive:	=
(5)	3. If $f(2) = 20$ and $f(3) = 12$, $d = \frac{1}{2}$ find $f(4) = \frac{1}{2}$ and $f(5) = \frac{1}{2}$	10. If $f(100) = 245$ and find $f(5) = 230$ ar	· · · <u> </u>
	Recursive: $+(X-1) - 8$ Explicit: $-8x + 36$	Recursive:	(x-1)+5 = $5x-255$
Find	l each value of the given sequence and then write	_	
	11. $f(n) = 2^{n-1}$, find 12. $f(n) = 2^{n-1}$		a(n) = 3 + 4(n-1), find
(3)	$f(3) = \frac{1}{3}$ $f(6) = \frac{3}{3}$ $f(6) = \frac{3}{3}$		(i) = (i) =3
F	Recursive: Recursive:	\mathcal{L}	cursive: $(n-1)+1$
1	14. If $3^3 = 27$, and $3^2 = 9$, and $3^1 = 3$, and $3^0 = 1$, where	nat is $3^{1/2} =$	1 '
	$\sqrt{3}$		

minutes	ollowing graphs, n	nake a table of at l	east 3 values. Wri	ite the explicit an	d recursive.
10 f/x 5	g(x) x	10 h(x) 5	x	10 5 <i>j(x)</i> 0	k(x) 0 5
a. $f(x)$	b. g(x)	c. h(x)	d. $i(x)$	e. <i>j(x)</i>	f. k(x)
Recursive:	Recursive:	Recursive:	Recursive:	Recursive:	Recursive:
explicit:	Explicit:	Explicit:	Explicit:	Explicit:	Explicit:
assignment	is late a student re	ceives 90% of the o	e paper policy. Thi credit he or she wou ne potential credit th	ald have received	-
			late assignment dro		
			er reach 0?	Evaloin	

U9H Quiz, Sequences		U9H Quiz, Sequences		
Name: Per:	Score:	Name:	Per: Score:	
2, 10, 50, 250, 1. Circle: Arithmetic OR Geometric 2. Common difference/common ratio 3. Recursive equation: 4. Explicit equation: 5. Graph the sequence (make a table if needed)		Complete the following for each sequen 2, 10, 50, 250, 1. Circle: Arithmetic OR Geometri 2. Common difference/common rat 3. Recursive equation: 4. Explicit equation: 5. Graph the sequence (make a table if needed)	e io	
33, 27, 21, 15, 6. Circle: Arithmetic OR Geometric 7. Common difference/common ratio 8. Recursive equation: 9. Explicit equation: 10. Graph the sequence (make a table if needed)	X	33, 27, 21, 15, 6. Circle: Arithmetic OR Geometri 7. Common difference/common rat 8. Recursive equation: 9. Explicit equation: 10. Graph the sequence (make a table if needed)	io	