No.		
Date		

) q .	Buktikan		bahwa	Pernyataan	dī	bawah	1111	benar
	utk	2	bilangar	asli.	7 7	-5		

$$2+5+8+...+(3n-1)=\sum_{k=1}^{n}(3k-1)-n(3n+1)$$

$$3n-1 = n(3n+1)$$

$$3-1 = (3+1)$$

(Benar)

$$2+5+8+\cdots+(3k-1)+(3(k+1)-1)=k+(3(k+1)+1)$$

nilainya sama dengan yg persamaan

No.

Date:

$$k(3k+1) + (3k+3-1) = k+1 (3k+3+1)$$

$$\frac{3k^{2}+k}{2}+(3k+2)=(k+1)(3k+4)$$

$$\frac{1}{2} \left[(3k^2 + k) + 2(3k + 2) \right] = \frac{1}{2} \left[(k+1)(3k+4) \right]$$

$$\frac{1}{2} \left[3k^{2} + k + 6k + 4 \right] = \frac{1}{2} \left[3k^{2} + 4k + 3k + 4 \right]$$

$$\frac{1}{2} \left[3k^{2} + 7k + 4 \right] = \frac{1}{2} \left[3k^{2} + 7k + 4 \right]$$

karena ruas kanan = tuas kiri sehingga persamaan 3 benar/Terbukti.

