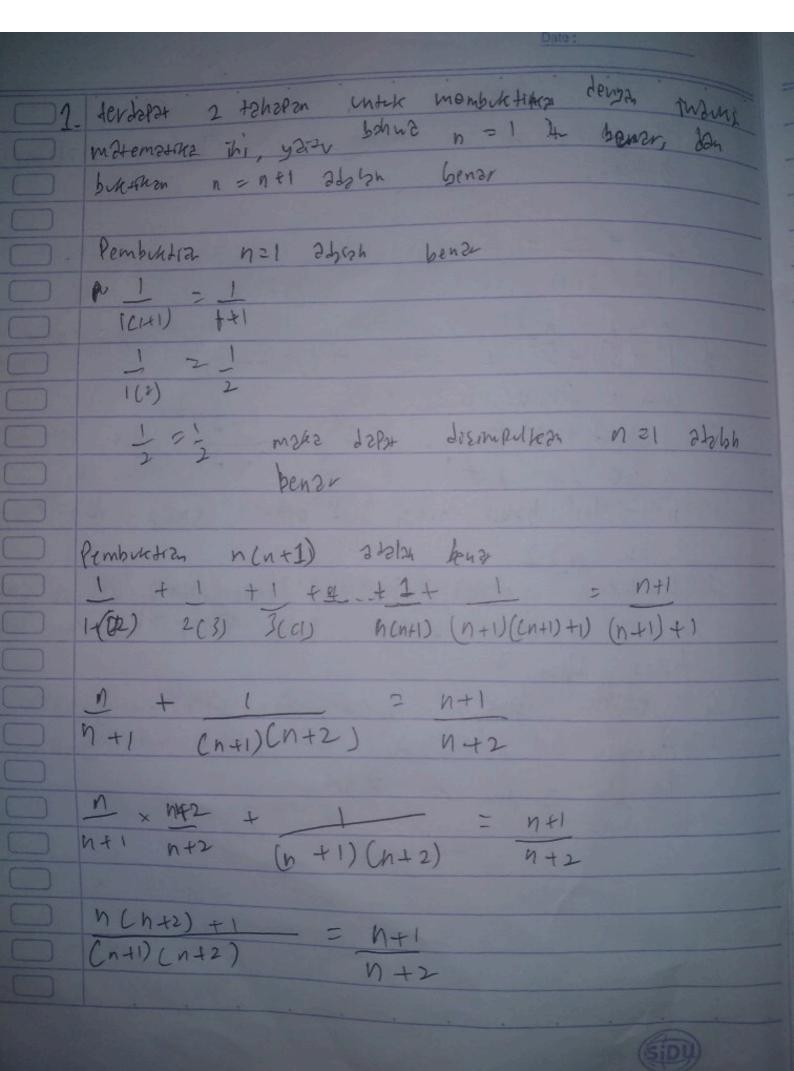
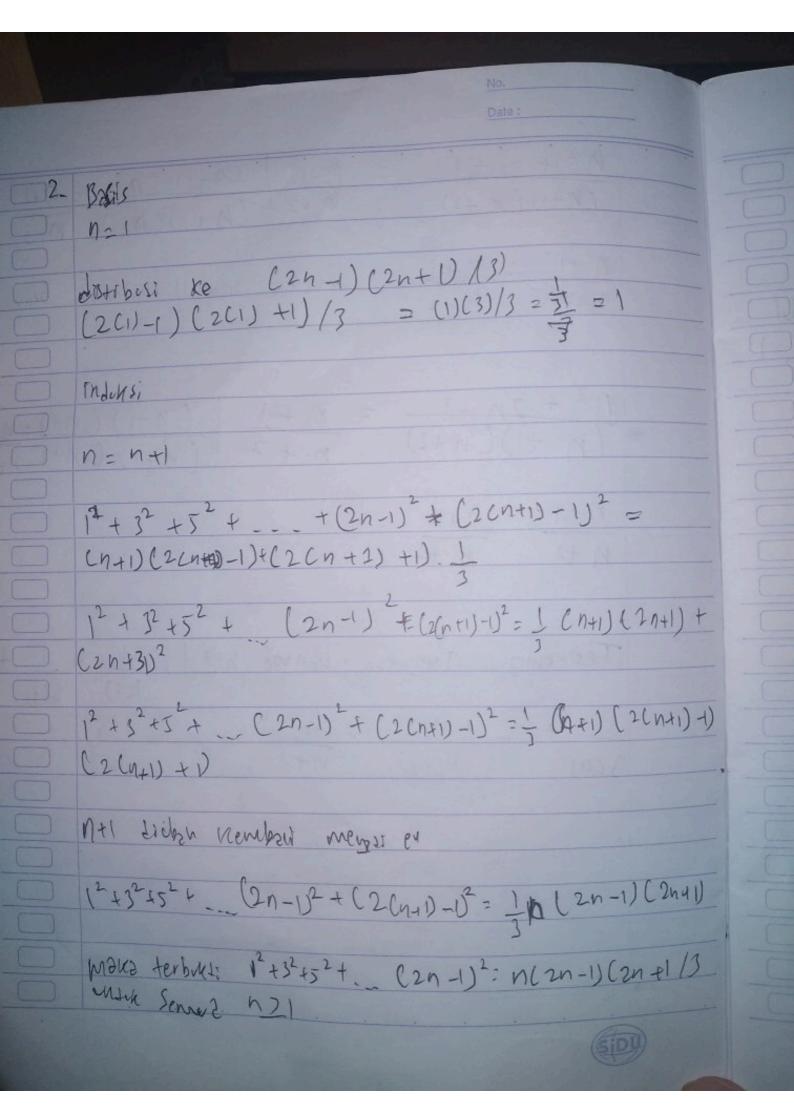
Soal latihan Buktikan dengan menggunakan Indukti matematika bahwa: 11 + 1 + 1 + ... (102) 2(3) 3(4) $\frac{1}{2} \cdot \frac{1^2 + 3^2 + 5^2 + \dots}{1}$ untu semus n 21 3 1+2+22+ N 20 dan 2 = 1 4. na- 4n2 habis dibagi 3 contek sema bi laugan pr15+ N > 2 is boktikan melali indikasi malematika bahua ymb den rys beh bilanson bulet gostif beneden selelv 42623 23/10241 9 6 Buktikan behur suret per young mengguneten Perangro 2d Sen 200 lebih 2004 Menganakan Penzyko 5 sen dan 7 sen den2(

SIDY



(n+1)(n+2) = n+1 (n+1)(n+2)=1+1
(n+1)(n+2) = n+2 (n+1)(n+2) = 1+2 $\frac{n+1}{n+2} = \frac{n+1}{n+2}$



No

Date :

200

[09 west 25 w 2 Nd cks." 3 1 + 2 + 3^2 + + 2 = $\frac{1-2}{1-3}$ Chrock Semi2 1 20 den 2 \neq 1 2 Pendentian b 2 s 3 N 2 1 2 = $\frac{1-2}{1-2}$ Si 1
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
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$\frac{2^{n} \text{ Pembrutian}}{3^{n} = 1 - 2^{n+1}}$ $\frac{3^{n} = 1 - 2^{n+1}}{1 - 2}$ $\frac{3^{n} = 1 - 2^{n+1}}{1 - 2^{n}}$ $\frac{3^{n} = 1 - 2^{n+1}}{1 + 2 + 2^{n} + 2^$
$\frac{2^{n} \text{ Pembrutian}}{3^{n} = 1 - 2^{n+1}}$ $\frac{3^{n} = 1 - 2^{n+1}}{1 - 2}$ $\frac{3^{n} = 1 - 2^{n+1}}{1 - 2^{n}}$ $\frac{3^{n} = 1 - 2^{n+1}}{1 + 2 + 2^{n} + 2^$
$3' = 1 - 2^{1+1}$ $3' = 1 - 2^{1}$ $1 + 2 + 3^{2} + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 +$
$3' = 1 - 2^{1+1}$ $3' = 1 - 2^{1}$ $1 + 2 + 3^{2} + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 +$
$\frac{1-3}{1-2}$ $\frac{1-3}{1-2}$ $\frac{1-3}{1-2}$ $\frac{1+3+3^2+4\cdot \frac{3}{2}n_{\frac{3}{2}}}{1-3^{n_{1}}}$
$\frac{1}{1+2+3^2++.2^{n+1}}$
$\frac{1-2}{1+2+3^2+4\cdot 2^{n+1}}$ $\frac{1+2+3^2+4\cdot 2^{n+1}}{1-2^{n+1}}$
$\frac{1}{1+2+3^2+4\cdot 2^n + $
1 + 2 + 2 + + - 2 n = 1 - 2 m
1 + 2 + 2 + + - 2 n = 1 - 2 m
(n#1) +1
2n + 2En+1) = 1-2
12n + 2(n+1) = 1-3 (n+1)
$\frac{1-2}{1-2} \frac{1-2}{1-2} \frac{1-2}{(n+2)^2}$
1-2 1-2
oleh hant Ahmad Syani