1学期末考査　解答用紙

1

(1) $\dfrac{2\cdot(-2)^{n-1}}{4\cdot\left(\frac{1}{2}\right)^{n-1}}$	(2) $\dfrac{\frac{n}{2n-1}}{3n+1}$	(3) $\dfrac{3n-6}{64\cdot\left(\frac{1}{2}\right)^{n-1}}$	(4) $\dfrac{n^2+1}{n^2-n+1}$	(5) $\dfrac{3n-2}{\frac{1}{2}(3^{n-1}+3)}$
(6) $\dfrac{4\left(\frac{1}{2}\right)^{n-1}}{-3n+5}$	(7) $\dfrac{3n+1}{3\cdot(-2)^{n-1}}$	(8) $\dfrac{64\cdot\left(\frac{1}{2}\right)^{n-1}}{n^2}$	(9) $\dfrac{n^2-n+1}{\frac{1}{2}(3^n+3)}$	(10) $\dfrac{\frac{1}{2}(3^{n-1}+3)}{2-5\cdot2^{n-1}}$
(11) $\dfrac{-3n+5}{3n+2}$	(12) $\dfrac{3\cdot(-2)^{n-1}}{4n-5}$	(13) $\dfrac{n^2}{4\cdot5^{n-1}}$	(14) $\dfrac{\frac{1}{2}(3^n+3)}{0}$	(15) $\dfrac{2-5\cdot2^{n-1}}{0}$
(16) $\dfrac{3n+2}{1}$	(17) $\dfrac{4n-5}{\frac{1}{2}}$	(18) $\dfrac{4\cdot5^{n-1}}{1}$		

2×18　/36

2

(1) 1029	(2) $\dfrac{4095}{4}$	(3) 8900	(4) $3\left(2-\left(\frac{1}{2}\right)^n\right)$	(5) $\dfrac{1}{2}\left(\dfrac{1}{3}-\left(\dfrac{1}{3}\right)^6\right)$
(6) 15	(7) 10			

(1)~(5) 2
(3)~(7) 3
/19

3

(1) $2, -3$	(2) $3, -7$	(3) 32	(4) 7	(5) $1, 3, 5$
(6) $n(n+1)$	(7) $\dfrac{1}{6}n(n+1)(2n+1)$	(8) $n^2(n+1)^2$	(9) 2384	(10) 100
(11) $\dfrac{1}{3}n(n-1)(n-8)$	(12) $2n-1$	(13) -4	(14) $1-\dfrac{\ }{2n+1}$　$0<x\le1$	(15) $\dfrac{3367}{1}$

3×15　/45

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