

09-12-2010 09:02				
ח	א	ב	ג	ד
א	123	240		
ב	63	117		
ג	19	40		
ד	15	37		
ה	8	21		
ו	11	14		
ז	7	11		

09-12-2010 09:04				
ח	א	ב	ג	ד
א	47	10	66	123
ב	1	8	62	71
ג	19	0	0	19
ד	15	0	0	15
ה	0	2	3	5
ו	6	0	1	7
ז	6	0	0	6

09-12-2010 09:07				
ח	א	ב	ג	ד
א	45	19	63	127
ב	2	14	59	75
ג	19	0	0	19
ד	12	0	0	12
ה	0	5	2	7
ו	7	0	0	7
ז	5	0	2	7

09-12-2010 09:08				
ח	א	ב	ג	ד
א	127	1	2	130
ב	75	0	0	75
ג	19	0	0	19
ד	13	0	2	15
ה	6	0	0	6
ו	8	0	0	8
ז	6	1	0	7

09-12-2010 09:09				
ח	א	ב	ג	ד
א	121	0	2	123
ב	77	0	0	77
ג	18	0	0	18
ד	10	0	2	12
ה	3	0	0	3
ו	6	0	0	

$J \approx \equiv$	7	0	0	7
$\int \sqrt{\frac{1}{x}} \cdot \frac{1}{x} \approx \int \frac{1}{x^2} = -\frac{1}{x} + C$ 09-12-2010 09:10				
$\int \frac{1}{x}$	9	0	0	9
$\sqrt{\frac{1}{x}} \cdot \frac{1}{x}$	5	0	0	5
$\int \frac{1}{x^2}$	6	0	0	6
$J \approx \equiv$	3	0	4	7
$\int \sqrt{\frac{1}{x}} \cdot \frac{1}{x} \approx \int \frac{1}{x^2} = -\frac{1}{x} + C$ 09-12-2010 09:13				
$\int \frac{1}{x}$	13	0	0	13
$\sqrt{\frac{1}{x}} \cdot \frac{1}{x}$	0	3	0	3
$\int \frac{1}{x^2}$	2	0	1	3
$J \approx \equiv$	1	0	6	7
$\int \sqrt{\frac{1}{x}} \cdot \frac{1}{x} \approx \int \frac{1}{x^2} = -\frac{1}{x} + C$ 09-12-2010 09:14				
$\int \frac{1}{x}$	79	22	15	116
$\sqrt{\frac{1}{x}} \cdot \frac{1}{x}$	73	0	0	73
$\int \frac{1}{x^2}$	0	17	4	21
$\sqrt{\frac{1}{x}} \cdot \frac{1}{x}$	3	0	0	3
$\int \frac{1}{x^2}$	0	2	3	5
$J \approx \equiv$	2	2	2	6
$\int \sqrt{\frac{1}{x}} \cdot \frac{1}{x} \approx \int \frac{1}{x^2} = -\frac{1}{x} + C$ 09-12-2010 09:22				
$\int \frac{1}{x}$	100	3	9	112
$\sqrt{\frac{1}{x}} \cdot \frac{1}{x}$	71	0	0	71
$\int \frac{1}{x^2}$	18	0	0	18
$\sqrt{\frac{1}{x}} \cdot \frac{1}{x}$	2	0	0	2
$\int \frac{1}{x^2}$	0	0	5	5
$J \approx \equiv$	1	0	4	5
$\int \sqrt{\frac{1}{x}} \cdot \frac{1}{x} \approx \int \frac{1}{x^2} = -\frac{1}{x} + C$ 09-12-2010 09:23				
$\int \frac{1}{x}$	104	0	2	106
$\sqrt{\frac{1}{x}} \cdot \frac{1}{x}$	70	0	0	70
$\int \frac{1}{x^2}$	16	0	0	16
$\sqrt{\frac{1}{x}} \cdot \frac{1}{x}$	3	0	0	3
$\int \frac{1}{x^2}$	3	0	1	4

$J \approx \equiv$	1	0	1	2
$J \approx \equiv$	100	0	1	101
$\approx \infty$	67	0	0	67
$\Delta \infty$	15	0	0	15
$f \mid \gamma$	9	0	0	9
$\sqrt{\gamma} \Delta \sqrt{\gamma}$	3	0	0	3
$\gamma \Delta$	6	0	0	6
$J \approx \equiv$	0	0	1	1
$J \approx \equiv$	92	0	1	93
$\approx \infty$	62	0	0	62
$\Delta \infty$	15	0	0	15
$f \mid \gamma$	7	0	0	7
$\sqrt{\gamma} \Delta \sqrt{\gamma}$	3	0	0	3
$\gamma \Delta$	5	0	0	5
$J \approx \equiv$	0	0	1	1
$J \approx \equiv$	98	1	3	102
$\approx \infty$	67	0	0	67
$\Delta \infty$	15	0	1	16
$f \mid \gamma$	9	0	0	9
$\sqrt{\gamma} \Delta \sqrt{\gamma}$	3	0	0	3
$\gamma \Delta$	4	0	0	4
$J \approx \equiv$	0	1	2	3
$J \approx \equiv$	32	65	4	101
$\approx \infty$	9	58	1	68
$\Delta \infty$	14	0	1	15
$f \mid \gamma$	9	0	0	9
$\sqrt{\gamma} \Delta \sqrt{\gamma}$	0	2	0	2
$\gamma \Delta$	0	4	1	5
$J \approx \equiv$	0	1	1	2
$J \approx \equiv$	76	9	8	93
$\approx \infty$	64	0	0	64
$\Delta \infty$	0	9	5	14
$f \mid \gamma$	6	0	2	8
$\sqrt{\gamma} \Delta \sqrt{\gamma}$	3	0	0	3
$\gamma \Delta$	3	0	0	3

[illegible]

[illegible]

09-12-2010 11:54 (30) $\int \frac{1}{x} dx = \ln x + C$ $\frac{d}{dx} \ln x = \frac{1}{x}$ $\ln e^x = x$ $e^{\ln x } = x $ $\ln 1 = 0$ $\ln e = 1$ $\ln e^2 = 2$ $\ln \frac{1}{e} = -1$ $\ln \frac{1}{e^2} = -2$ $\ln e^{-x} = -x$ $\ln \sqrt{x} = \frac{1}{2} \ln x $ $\ln x^2 = 2 \ln x $ $\ln \frac{1}{x^2} = -2 \ln x $ $\ln \frac{1}{\sqrt{x}} = -\frac{1}{2} \ln x $ $\ln \frac{1}{e^x} = -x$ $\ln \frac{1}{e^{-x}} = x$ $\ln \frac{1}{e^{2x}} = -2x$ $\ln \frac{1}{e^{-2x}} = 2x$ $\ln \frac{1}{e^{x^2}} = -x^2$ $\ln \frac{1}{e^{-x^2}} = x^2$ $\ln \frac{1}{e^{x^3}} = -x^3$ $\ln \frac{1}{e^{-x^3}} = x^3$ $\ln \frac{1}{e^{x^4}} = -x^4$ $\ln \frac{1}{e^{-x^4}} = x^4$ $\ln \frac{1}{e^{x^5}} = -x^5$ $\ln \frac{1}{e^{-x^5}} = x^5$ $\ln \frac{1}{e^{x^6}} = -x^6$ $\ln \frac{1}{e^{-x^6}} = x^6$ $\ln \frac{1}{e^{x^7}} = -x^7$ $\ln \frac{1}{e^{-x^7}} = x^7$ $\ln \frac{1}{e^{x^8}} = -x^8$ $\ln \frac{1}{e^{-x^8}} = x^8$ $\ln \frac{1}{e^{x^9}} = -x^9$ $\ln \frac{1}{e^{-x^9}} = x^9$ $\ln \frac{1}{e^{x^{10}}} = -x^{10}$ $\ln \frac{1}{e^{-x^{10}}} = x^{10}$ $\ln \frac{1}{e^{x^{11}}} = -x^{11}$ $\ln \frac{1}{e^{-x^{11}}} = x^{11}$ $\ln \frac{1}{e^{x^{12}}} = -x^{12}$ $\ln \frac{1}{e^{-x^{12}}} = x^{12}$ $\ln \frac{1}{e^{x^{13}}} = -x^{13}$ $\ln \frac{1}{e^{-x^{13}}} = x^{13}$ $\ln \frac{1}{e^{x^{14}}} = -x^{14}$ $\ln \frac{1}{e^{-x^{14}}} = x^{14}$ $\ln \frac{1}{e^{x^{15}}} = -x^{15}$ $\ln \frac{1}{e^{-x^{15}}} = x^{15}$ $\ln \frac{1}{e^{x^{16}}} = -x^{16}$ $\ln \frac{1}{e^{-x^{16}}} = x^{16}$ $\ln \frac{1}{e^{x^{17}}} = -x^{17}$ $\ln \frac{1}{e^{-x^{17}}} = x^{17}$ $\ln \frac{1}{e^{x^{18}}} = -x^{18}$ $\ln \frac{1}{e^{-x^{18}}} = x^{18}$ $\ln \frac{1}{e^{x^{19}}} = -x^{19}$ $\ln \frac{1}{e^{-x^{19}}} = x^{19}$ $\ln \frac{1}{e^{x^{20}}} = -x^{20}$ $\ln \frac{1}{e^{-x^{20}}} = x^{20}$ $\ln \frac{1}{e^{x^{21}}} = -x^{21}$ $\ln \frac{1}{e^{-x^{21}}} = x^{21}$ $\ln \frac{1}{e^{x^{22}}} = -x^{22}$ $\ln \frac{1}{e^{-x^{22}}} = x^{22}$ $\ln \frac{1}{e^{x^{23}}} = -x^{23}$ $\ln \frac{1}{e^{-x^{23}}} = x^{23}$ $\ln \frac{1}{e^{x^{24}}} = -x^{24}$ $\ln \frac{1}{e^{-x^{24}}} = x^{24}$ $\ln \frac{1}{e^{x^{25}}} = -x^{25}$ $\ln \frac{1}{e^{-x^{25}}} = x^{25}$ $\ln \frac{1}{e^{x^{26}}} = -x^{26}$ $\ln \frac{1}{e^{-x^{26}}} = x^{26}$ $\ln \frac{1}{e^{x^{27}}} = -x^{27}$ $\ln \frac{1}{e^{-x^{27}}} = x^{27}$ $\ln \frac{1}{e^{x^{28}}} = -x^{28}$ $\ln \frac{1}{e^{-x^{28}}} = x^{28}$ $\ln \frac{1}{e^{x^{29}}} = -x^{29}$ $\ln \frac{1}{e^{-x^{29}}} = x^{29}$ $\ln \frac{1}{e^{x^{30}}} = -x^{30}$ $\ln \frac{1}{e^{-x^{30}}} = x^{30}$ $\ln \frac{1}{e^{x^{31}}} = -x^{31}$ $\ln \frac{1}{e^{-x^{31}}} = x^{31}$ $\ln \frac{1}{e^{x^{32}}} = -x^{32}$ $\ln \frac{1}{e^{-x^{32}}} = x^{32}$ $\ln \frac{1}{e^{x^{33}}} = -x^{33}$ $\ln \frac{1}{e^{-x^{33}}} = x^{33}$ $\ln \frac{1}{e^{x^{34}}} = -x^{34}$ $\ln \frac{1}{e^{-x^{34}}} = x^{34}$ $\ln \frac{1}{e^{x^{35}}} = -x^{35}$ $\ln \frac{1}{e^{-x^{35}}} = x^{35}$ $\ln \frac{1}{e^{x^{36}}} = -x^{36}$ $\ln \frac{1}{e^{-x^{36}}} = x^{36}$ $\ln \frac{1}{e^{x^{37}}} = -x^{37}$ $\ln \frac{1}{e^{-x^{37}}} = x^{37}$ $\ln \frac{1}{e^{x^{38}}} = -x^{38}$ $\ln \frac{1}{e^{-x^{38}}} = x^{38}$ $\ln \frac{1}{e^{x^{39}}} = -x^{39}$ $\ln \frac{1}{e^{-x^{39}}} = x^{39}$ $\ln \frac{1}{e^{x^{40}}} = -x^{40}$ $\ln \frac{1}{e^{-x^{40}}} = x^{40}$ $\ln \frac{1}{e^{x^{41}}} = -x^{41}$ $\ln \frac{1}{e^{-x^{41}}} = x^{41}$ $\ln \frac{1}{e^{x^{42}}} = -x^{42}$ $\ln \frac{1}{e^{-x^{42}}} = x^{42}$ $\ln \frac{1}{e^{x^{43}}} = -x^{43}$ $\ln \frac{1}{e^{-x^{43}}} = x^{43}$ $\ln \frac{1}{e^{x^{44}}} = -x^{44}$ $\ln \frac{1}{e^{-x^{44}}} = x^{44}$ $\ln \frac{1}{e^{x^{45}}} = -x^{45}$ $\ln \frac{1}{e^{-x^{45}}} = x^{45}$ $\ln \frac{1}{e^{x^{46}}} = -x^{46}$ $\ln \frac{1}{e^{-x^{46}}} = x^{46}$ $\ln \frac{1}{e^{x^{47}}} = -x^{47}$ $\ln \frac{1}{e^{-x^{47}}} = x^{47}$ $\ln \frac{1}{e^{x^{48}}} = -x^{48}$ $\ln \frac{1}{e^{-x^{48}}} = x^{48}$ $\ln \frac{1}{e^{x^{49}}} = -x^{49}$ $\ln \frac{1}{e^{-x^{49}}} = x^{49}$ $\ln \frac{1}{e^{x^{50}}} = -x^{50}$ $\ln \frac{1}{e^{-x^{50}}} = x^{50}$ $\ln \frac{1}{e^{x^{51}}} = -x^{51}$ $\ln \frac{1}{e^{-x^{51}}} = x^{51}$ $\ln \frac{1}{e^{x^{52}}} = -x^{52}$ $\ln \frac{1}{e^{-x^{52}}} = x^{52}$ $\ln \frac{1}{e^{x^{53}}} = -x^{53}$ $\ln \frac{1}{e^{-x^{53}}} = x^{53}$ $\ln \frac{1}{e^{x^{54}}} = -x^{54}$ $\ln \frac{1}{e^{-x^{54}}} = x^{54}$ $\ln \frac{1}{e^{x^{55}}} = -x^{55}$ $\ln \frac{1}{e^{-x^{55}}} = x^{55}$ $\ln \frac{1}{e^{x^{56}}} = -x^{56}$ $\ln \frac{1}{e^{-x^{56}}} = x^{56}$ $\ln \frac{1}{e^{x^{57}}} = -x^{57}$ $\ln \frac{1}{e^{-x^{57}}} = x^{57}$ $\ln \frac{1}{e^{x^{58}}} = -x^{58}$ $\ln \frac{1}{e^{-x^{58}}} = x^{58}$ $\ln \frac{1}{e^{x^{59}}} = -x^{59}$ $\ln \frac{1}{e^{-x^{59}}} = x^{59}$ $\ln \frac{1}{e^{x^{60}}} = -x^{60}$ $\ln \frac{1}{e^{-x^{60}}} = x^{60}$ $\ln \frac{1}{e^{x^{61}}} = -x^{61}$ $\ln \frac{1}{e^{-x^{61}}} = x^{61}$ $\ln \frac{1}{e^{x^{62}}} = -x^{62}$ $\ln \frac{1}{e^{-x^{62}}} = x^{62}$ $\ln \frac{1}{e^{x^{63}}} = -x^{63}$ $\ln \frac{1}{e^{-x^{63}}} = x^{63}$ $\ln \frac{1}{e^{x^{64}}} = -x^{64}$ $\ln \frac{1}{e^{-x^{64}}} = x^{64}$ $\ln \frac{1}{e^{x^{65}}} = -x^{65}$ $\ln \frac{1}{e^{-x^{65}}} = x^{65}$ $\ln \frac{1}{e^{x^{66}}} = -x^{66}$ $\ln \frac{1}{e^{-x^{66}}} = x^{66}$ $\ln \frac{1}{e^{x^{67}}} = -x^{67}$ $\ln \frac{1}{e^{-x^{67}}} = x^{67}$ $\ln \frac{1}{e^{x^{68}}} = -x^{68}$ $\ln \frac{1}{e^{-x^{68}}} = x^{68}$ $\ln \frac{1}{e^{x^{69}}} = -x^{69}$ $\ln \frac{1}{e^{-x^{69}}} = x^{69}$ $\ln \frac{1}{e^{x^{70}}} = -x^{70}$ $\ln \frac{1}{e^{-x^{70}}} = x^{70}$ $\ln \frac{1}{e^{x^{71}}} = -x^{71}$ $\ln \frac{1}{e^{-x^{71}}} = x^{71}$ $\ln \frac{1}{e^{x^{72}}} = -x^{72}$ $\ln \frac{1}{e^{-x^{72}}} = x^{72}$ $\ln \frac{1}{e^{x^{73}}} = -x^{73}$ $\ln \frac{1}{e^{-x^{73}}} = x^{73}$ $\ln \frac{1}{e^{x^{74}}} = -x^{74}$ $\ln \frac{1}{e^{-x^{74}}} = x^{74}$ $\ln \frac{1}{e^{x^{75}}} = -x^{75}$				
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[illegible]

$\int \int$	7	0	0	7
$\sqrt{\omega \Delta \sqrt{\omega}}$	3	0	2	5
$\gamma \Delta$	3	0	0	3
$J \approx \equiv$	1	0	0	1
(40) $\int \int$ $\gamma \Delta$ $\sqrt{\omega \Delta \sqrt{\omega}}$ $J \approx \equiv$ 09-12-2010 12:32 $\int \int$ $\gamma \Delta$ $\sqrt{\omega \Delta \sqrt{\omega}}$ $J \approx \equiv$ 18 (15)				
$\int \int$	$\gamma \Delta$	$\sqrt{\omega \Delta \sqrt{\omega}}$	$J \approx \equiv$	$\int \int$
$\int \int$	76	0	5	81
$\gamma \Delta$	56	0	0	56
$\sqrt{\omega \Delta \sqrt{\omega}}$	7	0	0	7
$\int \int$	5	0	3	8
$\sqrt{\omega \Delta \sqrt{\omega}}$	4	0	1	5
$\gamma \Delta$	2	0	1	3
$J \approx \equiv$	2	0	0	2
(41) $\int \int$ $\gamma \Delta$ $\sqrt{\omega \Delta \sqrt{\omega}}$ $J \approx \equiv$ 09-12-2010 12:33 $\int \int$ $\gamma \Delta$ $\sqrt{\omega \Delta \sqrt{\omega}}$ $J \approx \equiv$ 19 (16)				
$\int \int$	$\gamma \Delta$	$\sqrt{\omega \Delta \sqrt{\omega}}$	$J \approx \equiv$	$\int \int$
$\int \int$	74	1	4	79
$\gamma \Delta$	57	0	0	57
$\sqrt{\omega \Delta \sqrt{\omega}}$	6	0	1	7
$\int \int$	6	1	0	7
$\sqrt{\omega \Delta \sqrt{\omega}}$	1	0	2	3
$\gamma \Delta$	2	0	1	3
$J \approx \equiv$	2	0	0	2
(42) $\int \int$ $\gamma \Delta$ $\sqrt{\omega \Delta \sqrt{\omega}}$ $J \approx \equiv$ 09-12-2010 12:34 $\int \int$ $\gamma \Delta$ $\sqrt{\omega \Delta \sqrt{\omega}}$ $J \approx \equiv$ 20 (17)				
$\int \int$	$\gamma \Delta$	$\sqrt{\omega \Delta \sqrt{\omega}}$	$J \approx \equiv$	$\int \int$
$\int \int$	78	0	2	80
$\gamma \Delta$	57	0	0	57
$\sqrt{\omega \Delta \sqrt{\omega}}$	9	0	0	9
$\int \int$	7	0	0	7
$\sqrt{\omega \Delta \sqrt{\omega}}$	2	0	1	3
$\gamma \Delta$	1	0	1	2
$J \approx \equiv$	2	0	0	2
(43) $\int \int$ $\gamma \Delta$ $\sqrt{\omega \Delta \sqrt{\omega}}$ $J \approx \equiv$ 09-12-2010 12:40 $\int \int$ $\gamma \Delta$ $\sqrt{\omega \Delta \sqrt{\omega}}$ $J \approx \equiv$ 21 (18) - $\int \int$ $\gamma \Delta$ $\sqrt{\omega \Delta \sqrt{\omega}}$ $J \approx \equiv$ 4				
$\int \int$	$\gamma \Delta$	$\sqrt{\omega \Delta \sqrt{\omega}}$	$J \approx \equiv$	$\int \int$
$\int \int$	19	55	3	77
$\gamma \Delta$	0	54	1	55
$\sqrt{\omega \Delta \sqrt{\omega}}$	12	0	0	12
$\int \int$	6	0	0	6
$\sqrt{\omega \Delta \sqrt{\omega}}$	1	0	0	1
$\gamma \Delta$	0	0	1	1
$J \approx \equiv$	0	1	1	2
(44) $\int \int$ $\gamma \Delta$ $\sqrt{\omega \Delta \sqrt{\omega}}$ $J \approx \equiv$ 09-12-2010 12:41 $\int \int$ $\gamma \Delta$ $\sqrt{\omega \Delta \sqrt{\omega}}$ $J \approx \equiv$ 21 (18) - $\int \int$ $\gamma \Delta$ $\sqrt{\omega \Delta \sqrt{\omega}}$ $J \approx \equiv$ 1				
$\int \int$	$\gamma \Delta$	$\sqrt{\omega \Delta \sqrt{\omega}}$	$J \approx \equiv$	$\int \int$
$\int \int$	22	50	5	77
$\gamma \Delta$	3	50	0	53

[illegible]

[illegible]