Лабораторная работа №1. Линейные алгоритмы

Написать программу для вычисления арифметического выражения.

Содержание отчета:

- 1. Задание
- 2. Блок-схема
- 3. Текст программы
- 4. Ручной расчет контрольного примера
- 5. Машинный расчет контрольного примера

$N_{\underline{0}}$	Арифметическое выражение	Контрольный пример
1	$\sqrt[3]{\ln(ab+c^2)} - \frac{a+c^3-1}{\sqrt{2(a-1)}} + \frac{\sin a + \sqrt[a]{b+(c-1)^2}}{\sqrt{a} \cdot tg \frac{a}{b}}$	a = 2 $b = 1$ $c = 1$
	$\sqrt{a \cdot ig} \frac{\pi}{b}$	
2	$\frac{\sqrt{10-1}(1-1)^2}{\sqrt{10-1}(1-1)^2}$	a = 0
	$\frac{\sqrt[4]{10- a+c ^3}}{a-b^2-1} + \left(\frac{2a+1}{b}\right)^c e^{a-b} + \sqrt[3]{\sin a + \ln b}$	b=1
		c = -1
3	$2^{a-b}\sqrt{c^2+\sqrt[3]{ b-1 }}+b^2\left(\arctan(a)-\frac{\pi}{6}\right)(a+2)^{1/(c+b)}$	a = 7
		b = 1 $c = 2$
4	, a+1 , 2 ——	a = 1
	$\frac{b^{a+1}}{\sqrt[3]{ b-2 -5}} + \frac{ab^2 - c}{(a-c)^3} - \sin c + \sqrt[5]{b^2 - e^c}$	b=3
	$\sqrt[3]{ b-2 -5} (a-c)^3$	c = 0
5	$3\sqrt{7+1}$ $(a + b)^2 + 1$	a = 1
	$\frac{\sqrt[3]{7+ a-b ^2+1}}{2}-e^{ a-b }(tg^2c+1)^a$	b = 1
	$a^2 + b^2 + 2$	$c = \pi/4$
6	$\lg\left(\frac{1,3}{a+b^{\frac{1}{a}}}\right)$	a=1
	$\lg a + b a = (b-a)^2$	b = 0 $c = 1$
	$\sqrt{a^{1,7}-1} + \frac{1}{2c^2}$	C-1
	$\sqrt{a^{1,7}-1} + \frac{1}{a-3} + \frac{1}{c^{1,7} \cdot \sqrt{2\pi}} \cdot e^{\frac{-(b-a)^2}{2c^2}}$	
7	$- c^{4,5}-a $	a = 1
	$1 \frac{ c }{ c } 157 (c + a+c)$	b=2
	$\frac{1}{2b} \cdot e^{\frac{-\left c^{4,5} - a\right }{b}} + \cos^{1,57} c \left(\ln\left 2 - e^{-\left a + c\right }\right \right)$	c = 0
8		a=2
	$\frac{e^{\sin^2 c} + \ln tgc }{+ \frac{\sin^{3,2} ac^3 + bc^2 - ab }{\sqrt{\frac{1}{2}}}$	b=2
	$\frac{1}{\sqrt{ ac^3+bc^2-ab }}$	c = 2
9	$a^{1,3}$ $1 + a = \sqrt{k^{1,7} + 1}$	a = 1
	$a \cdot \sqrt{\cos a + a} + \frac{c}{2a \cdot a} + \frac{1 + \sin \sqrt{b} + 1}{2a \cdot a}$	b = 0
	$a \cdot \sqrt{\cos a + a} + \frac{c^{1,3}}{\cos a^{3,2} - \frac{a}{3}} + \frac{1 + \sin \sqrt{b^{1,7} + 1}}{\cos(12c - 4)}$	$c = \pi/3$

$a \cdot e^{-ac^{-3}} \cdot \sin^{1,6}b \cdot + c - \frac{c^{-3}}{3} + \frac{a \cdot \lg(b)}{5} \qquad \qquad b = \pi $ $c = 1$ $111 \frac{4}{\sqrt{ab^2 + 18}} + \frac{a + \sqrt{2(a+b) + 5}}{4 \sin \frac{c}{2}} + \cos^{a-b}c \qquad \qquad a = 7$ $b = 3$ $c = \pi$ $12 \frac{a^2 + c}{2a} + \frac{0.5 \cos^2 b + \sqrt{a + 1} \cos \frac{b}{6}}{1 + \log_a c} \qquad \qquad a = 2$ $b = \pi$ $c = 8$ $13 \frac{7 \sin \frac{c}{a + b}}{1 + b} + \sqrt{\frac{ \sqrt[3]{2b} - 9a }{0.5a}} + \frac{3 \sin \frac{c}{2} + \cos^2 c}{\log_a 4b} \qquad \qquad a = 2$ $b = 4$ $c = \pi$ $14 \frac{\log_b 32 + \sqrt[3]{3b + 2c}}{\sqrt{c + 2} \cdot \lg \frac{a}{2(b + c)}} + c - 3b + \frac{2\cos^2 a}{\lg 5b} \qquad \qquad a = \pi$ $b = 2$ $c = 1$ $15 \frac{\sqrt[3]{5a^2 + 7}}{\sqrt[3]{5a^2 + 7}} + \frac{3\log_a 8}{\sin \frac{b}{2a}} + \frac{4 c - 2a + 1 }{\sqrt{8a}} \qquad \qquad a = 2$ $b = \pi$ $c = 0$ $16 \frac{2ctg(3a^{1,8}) - \sqrt[3]{\sin b}}{\sqrt[3]{\sin b}} + \sqrt{\sin b^{2,7}} + a^{2,7} - ctg\sqrt{c^{2,7} + 1}} \qquad a = 1$ $b = 0$ $c = 1$ $17 \frac{(b - c)^2 + 1}{a} + \frac{\sqrt{b + c + 1}}{\log_2 a - 1 } + \frac{c + \cos \frac{a - 5}{2}}{1 + \sqrt[3]{4a + b + 1}} \qquad a = 1$ $b = 6$ $c = 9$ $18 \frac{tg^2c + \log_2 a}{8} + \frac{1 + a - b + \sqrt{10a + 3b}}{3\sin \frac{c}{2a} + \sqrt[3]{2(b - 1)} + \ln a} \qquad a = 1$ $b = 5$ $c = 5$ $19 \frac{8 \sin \frac{b}{ac} + \cos b}{1 + \log_c (a + 1)} + lg(3a + 1) + \frac{a + c^2 + 1}{\sqrt[3]{4(a + 1)}} \qquad c = 2$ $20 \frac{(a + 1)^2}{b + 1} + \cos(ac^{2,7}b^{1,7}) + \left(1 + \frac{1}{2}\right)^{2,7} \qquad a = 1$ $b = 0$	10	3 5 5 3	_ 1
$ \begin{array}{c} 111 & \sqrt[4]{ab^2 + 18} + \frac{a + \sqrt{2(a+b) + 5}}{4\sin\frac{c}{2}} + \cos^{a-b}c & \text{is } a = 7 \\ & b = 3 \\ & c = \pi \end{array} $ $ \begin{array}{c} 12 & \frac{a^2 + c}{2a} + \frac{0.5\cos^2 b + \sqrt{a + 1}\cos\frac{b}{6}}{1 + \log_a c} & \text{is } a = 2 \\ & b = \pi \\ & c = 8 \end{array} $ $ \begin{array}{c} 13 & 7\sin\frac{c}{a + b} + \sqrt{\frac{\sqrt[3]{2b - 9a}}{0.5a}} + \frac{3\sin\frac{c}{2} + \cos^2 c}{\log_a 4b} & \text{is } a = 2 \\ & b = 4 \\ & c = \pi \end{array} $ $ \begin{array}{c} 14 & \frac{\log_b 32 + \sqrt[3]{3b + 2c}}{\sqrt{c + 2} \cdot tg} + c - 3b + \frac{2\cos^2 a}{\lg 5b} & \text{is } a = \pi \\ & b = 2 \\ & c = 1 \end{array} $ $ \begin{array}{c} 15 & \sqrt[3]{5a^2 + 7} + \frac{3\log_a 8}{\sin\frac{b}{2a}} + \frac{4 c - 2a + 1 }{\sqrt{8a}} & \text{is } a = 2 \\ & b = \pi \\ & c = 0 \end{array} $ $ \begin{array}{c} 16 & 2ctg(3a^{1.8}) - \sqrt[3]{\sin b} + \sqrt{\sin b^{2.7} + a^{2.7}} - ctg\sqrt{c^{2.7} + 1} & \text{is } a = 1 \\ & b = 0 \\ & c = 1 \end{array} $ $ \begin{array}{c} 17 & \frac{(b - c)^2 + 1}{a} + \frac{\sqrt{b + c + 1}}{\log_2 a - 1 } + \frac{c + \cos\frac{a - 5}{2}}{1 + \sqrt[3]{4a + b + 1}} & \text{is } a = 1 \\ & b = 6 \\ & c = 9 \end{array} $ $ \begin{array}{c} 18 & tg^2c + \log_2 a + \frac{1 + a - b + \sqrt{10a + 3b}}{3\sin\frac{c}{2a} + \sqrt[3]{2(b - 1)} + \ln a} & \text{is } a = 1 \\ & b = 5 \\ & c = 5 \end{array} $ $ \begin{array}{c} 19 & 8\sin\frac{b}{ac} + \cos b \\ & 1 + \log_c (a + 1) + lg(3a + 1) + \frac{a + c^2 + 1}{\sqrt{4(a + 1)}}} & \text{is } a = 1 \\ & b = 0 \end{array} $ $ \begin{array}{c} 20 & \left(\frac{a + 1}{b + 1}\right)^2 + \cos(ac^{2.7b^{1/3}}) + \left(1 + \frac{1}{2}\right)^{2.7} & \text{is } a = 1 \\ & b = 0 \end{array} $	10	$-ac^{1,7}$ 16. $c^{3,5}$ $a^{5,2}tg(b)$	a=1
$ \begin{array}{c} 111 & \sqrt[4]{ab^2 + 18} + \frac{a + \sqrt{2(a+b) + 5}}{4\sin\frac{c}{2}} + \cos^{a-b}c & \text{is } a = 7 \\ & b = 3 \\ & c = \pi \end{array} $ $ \begin{array}{c} 12 & \frac{a^2 + c}{2a} + \frac{0.5\cos^2 b + \sqrt{a + 1}\cos\frac{b}{6}}{1 + \log_a c} & \text{is } a = 2 \\ & b = \pi \\ & c = 8 \end{array} $ $ \begin{array}{c} 13 & 7\sin\frac{c}{a + b} + \sqrt{\frac{\sqrt[3]{2b - 9a}}{0.5a}} + \frac{3\sin\frac{c}{2} + \cos^2 c}{\log_a 4b} & \text{is } a = 2 \\ & b = 4 \\ & c = \pi \end{array} $ $ \begin{array}{c} 14 & \frac{\log_b 32 + \sqrt[3]{3b + 2c}}{\sqrt{c + 2} \cdot tg} + c - 3b + \frac{2\cos^2 a}{\lg 5b} & \text{is } a = \pi \\ & b = 2 \\ & c = 1 \end{array} $ $ \begin{array}{c} 15 & \sqrt[3]{5a^2 + 7} + \frac{3\log_a 8}{\sin\frac{b}{2a}} + \frac{4 c - 2a + 1 }{\sqrt{8a}} & \text{is } a = 2 \\ & b = \pi \\ & c = 0 \end{array} $ $ \begin{array}{c} 16 & 2ctg(3a^{1.8}) - \sqrt[3]{\sin b} + \sqrt{\sin b^{2.7} + a^{2.7}} - ctg\sqrt{c^{2.7} + 1} & \text{is } a = 1 \\ & b = 0 \\ & c = 1 \end{array} $ $ \begin{array}{c} 17 & \frac{(b - c)^2 + 1}{a} + \frac{\sqrt{b + c + 1}}{\log_2 a - 1 } + \frac{c + \cos\frac{a - 5}{2}}{1 + \sqrt[3]{4a + b + 1}} & \text{is } a = 1 \\ & b = 6 \\ & c = 9 \end{array} $ $ \begin{array}{c} 18 & tg^2c + \log_2 a + \frac{1 + a - b + \sqrt{10a + 3b}}{3\sin\frac{c}{2a} + \sqrt[3]{2(b - 1)} + \ln a} & \text{is } a = 1 \\ & b = 5 \\ & c = 5 \end{array} $ $ \begin{array}{c} 19 & 8\sin\frac{b}{ac} + \cos b \\ & 1 + \log_c (a + 1) + lg(3a + 1) + \frac{a + c^2 + 1}{\sqrt{4(a + 1)}}} & \text{is } a = 1 \\ & b = 0 \end{array} $ $ \begin{array}{c} 20 & \left(\frac{a + 1}{b + 1}\right)^2 + \cos(ac^{2.7b^{1/3}}) + \left(1 + \frac{1}{2}\right)^{2.7} & \text{is } a = 1 \\ & b = 0 \end{array} $		$a \cdot e^{-ac}$ $\cdot \sin^{1,0} b \cdot + c - \frac{c}{a} + \frac{a \cdot b}{a} = \frac{c}{a}$	$b = \pi$
$ \frac{11}{\sqrt[4]{ab^2 + 18}} + \frac{a + \sqrt{2(a+b) + 5}}{4\sin\frac{c}{2}} + \cos^{a-b}c \qquad \qquad \begin{vmatrix} a = 7 \\ b = 3 \\ c = \pi \end{vmatrix} $ $ \frac{12}{2a^2 + c} + \frac{0.5\cos^2 b + \sqrt{a + 1}\cos\frac{b}{6}}{1 + \log_a c} + \sqrt{\frac{3\sqrt{2b} - 9a}{0.5a}} + \frac{3\sin\frac{c}{2} + \cos^2 c}{\log_a 4b} \qquad \qquad \begin{vmatrix} a = 2 \\ b = \pi \\ c = 8 \end{vmatrix} $ $ \frac{13}{7\sin\frac{c}{a + b}} + \sqrt{\frac{\sqrt[3]{2b} - 9a}{0.5a}} + \frac{3\sin\frac{c}{2} + \cos^2 c}{\log_a 4b} \qquad \qquad \qquad \begin{vmatrix} a = 2 \\ b = 4 \\ c = \pi \end{vmatrix} $ $ \frac{14}{\sqrt[3]{5a^2 + 7}} + \frac{3\log_a 8}{2(b + c)} + c - 3b + \frac{2\cos^2 a}{\lg 5b} \qquad \qquad$		3 5	c = 1
$ \frac{\sqrt[3]{ab^2 + 18 + \frac{3 \cdot \sqrt{2(3 \cdot 3) + 5}}{4 \sin \frac{c}{2}} + \cos^{2}b \cdot c}{4 \sin \frac{c}{2}} \qquad \qquad b = 3 \\ c = \pi $ $ \frac{a^2 + c}{2a} + \frac{0.5 \cos^2 b + \sqrt{a + 1} \cos \frac{b}{6}}{1 + \log_a c} \qquad \qquad a = 2 \\ b = \pi \\ c = 8 $ $ \frac{a = 2}{b} = \pi \\ c = 8 $ $ \frac{a = 2}{b} = \pi \\ c = 8 $ $ \frac{a = 2}{b} = 4 \\ c = \pi $ $ \frac{b = 3}{c} = \pi $ $ \frac{a = 2}{b} = \pi \\ c = 8 $ $ \frac{a = 2}{b} = 4 \\ c = \pi $ $ \frac{b = 3}{c} = \pi $ $ \frac{a = 2}{b} = \pi $ $ \frac{b = 4}{c} = \pi $ $ \frac{b = 2}{c} = 1 $ $ \frac{a = \pi}{b} = 2 $ $ c = 1 $ $ \frac{a = 2}{b} = \pi $ $ c = 0 $ $ \frac{a = 2}{b} = \pi $ $ c = 0 $ $ \frac{a = 2}{b} = \pi $ $ c = 0 $ $ \frac{a = 2}{b} = \pi $ $ c = 0 $ $ \frac{a = 2}{b} = \pi $ $ c = 0 $ $ \frac{a = 2}{b} = \pi $ $ c = 0 $ $ \frac{a = 1}{b} = 0 $ $ c = 1 $ $ \frac{(b - c)^2 + 1}{a} + \frac{\sqrt{b + c + 1}}{\log_2 a - 1 } + \frac{c + \cos \frac{a - 5}{2}}{1 + \sqrt[3]{4a + b + 1}} \qquad a = 1 $ $ \frac{a = 5}{b} = 6 $ $ c = 9 $ $ \frac{a = 1}{b} = 5 $ $ c = 5 $ $ \frac{a = 3}{b} = \pi $ $ c = 9 $ $ \frac{a = 1}{1 + \log_c(a + 1)} + \log(3a + 1) + \frac{a + c^2 + 1}{\sqrt{4(a + 1)}} \qquad c = 2 $ $ \frac{a = 1}{b} = 0 $ $ \frac{a = 3}{b} = \pi $ $ c = 2 $	4.4		
$ \frac{12}{a^{2}+c} + \frac{0.5\cos^{2}b + \sqrt{a+1}\cos\frac{b}{6}}{1 + log_{a}c} = \frac{1}{b} = \pi \\ c = 8 $ $ \frac{13}{7\sin\frac{c}{a+b}} + \sqrt{\frac{ \sqrt{2b}-9a }{0.5a}} + \frac{3\sin\frac{c}{2} + \cos^{2}c}{log_{a}4b} = \frac{1}{b} = 4 \\ c = \pi $ $ \frac{14}{b\log_{b}32 + \sqrt[3]{3b+2c}} + c-3b + \frac{2\cos^{2}a}{lg5b} = \frac{1}{b} = 2 \\ c = 1 $ $ \frac{15}{3\sqrt{5a^{2}+7}} + \frac{3log_{a}8}{\sin\frac{b}{2a}} + \frac{4 c-2a+1 }{\sqrt{8a}} = \frac{1}{b} = 0 \\ c = 0 $ $ \frac{16}{2ctg(3a^{1,8}) - \sqrt[5]{\sin b}} + \sqrt{\sin b^{2.7} + a^{2.7}} - ctg\sqrt{c^{2,7}+1} = \frac{1}{b} = 0 \\ c = 1 $ $ \frac{17}{a} + \frac{(b-c)^{2}+1}{a} + \frac{\sqrt{b+c+1}}{log_{2} a-1 } + \frac{c+\cos\frac{a-5}{2}}{1+\sqrt[3]{4a+b+1}} = \frac{1}{b} = 0 \\ c = 9 $ $ \frac{18}{tg^{2}c + log_{2}a}8 + \frac{1+ a-b + \sqrt{10a+3b}}{3\sin\frac{c}{2a} + \sqrt[3]{2(b-1)} + lna} = \frac{1}{b} = 5 \\ c = 5 $ $ \frac{19}{1} + \frac{8\sin\frac{b}{ac} + \cos b}{1+log_{c}(a+1)} + lg(3a+1) + \frac{a+c^{2}+1}{\sqrt{4(a+1)}} = \frac{1}{b} = 0 $ $ \frac{a=1}{b=0} $ $ \frac{a=3}{b=\pi} $ $ c=2 $	11	$a + \sqrt{2(a+b)} + 5$	a = 7
$ \frac{12}{a^{2}+c} + \frac{0.5\cos^{2}b + \sqrt{a+1}\cos\frac{b}{6}}{1 + log_{a}c} = \frac{1}{b} = \pi \\ c = 8 $ $ \frac{13}{7\sin\frac{c}{a+b}} + \sqrt{\frac{ \sqrt{2b}-9a }{0.5a}} + \frac{3\sin\frac{c}{2} + \cos^{2}c}{log_{a}4b} = \frac{1}{b} = 4 \\ c = \pi $ $ \frac{14}{b\log_{b}32 + \sqrt[3]{3b+2c}} + c-3b + \frac{2\cos^{2}a}{lg5b} = \frac{1}{b} = 2 \\ c = 1 $ $ \frac{15}{3\sqrt{5a^{2}+7}} + \frac{3log_{a}8}{\sin\frac{b}{2a}} + \frac{4 c-2a+1 }{\sqrt{8a}} = \frac{1}{b} = 0 \\ c = 0 $ $ \frac{16}{2ctg(3a^{1,8}) - \sqrt[5]{\sin b}} + \sqrt{\sin b^{2.7} + a^{2.7}} - ctg\sqrt{c^{2,7}+1} = \frac{1}{b} = 0 \\ c = 1 $ $ \frac{17}{a} + \frac{(b-c)^{2}+1}{a} + \frac{\sqrt{b+c+1}}{log_{2} a-1 } + \frac{c+\cos\frac{a-5}{2}}{1+\sqrt[3]{4a+b+1}} = \frac{1}{b} = 0 \\ c = 9 $ $ \frac{18}{tg^{2}c + log_{2}a}8 + \frac{1+ a-b + \sqrt{10a+3b}}{3\sin\frac{c}{2a} + \sqrt[3]{2(b-1)} + lna} = \frac{1}{b} = 5 \\ c = 5 $ $ \frac{19}{1} + \frac{8\sin\frac{b}{ac} + \cos b}{1+log_{c}(a+1)} + lg(3a+1) + \frac{a+c^{2}+1}{\sqrt{4(a+1)}} = \frac{1}{b} = 0 $ $ \frac{a=1}{b=0} $ $ \frac{a=3}{b=\pi} $ $ c=2 $		$\sqrt[3]{ab^2+18+\frac{a+\sqrt{2}(a+3)+6}{2}+\cos^{a-b}c}$	h = 3
$ \frac{12}{a^{2}+c} + \frac{0.5\cos^{2}b + \sqrt{a+1}\cos\frac{b}{6}}{1 + log_{a}c} = \frac{1}{b} = \pi \\ c = 8 $ $ \frac{13}{7\sin\frac{c}{a+b}} + \sqrt{\frac{ \sqrt{2b}-9a }{0.5a}} + \frac{3\sin\frac{c}{2} + \cos^{2}c}{log_{a}4b} = \frac{1}{b} = 4 \\ c = \pi $ $ \frac{14}{b\log_{b}32 + \sqrt[3]{3b+2c}} + c-3b + \frac{2\cos^{2}a}{lg5b} = \frac{1}{b} = 2 \\ c = 1 $ $ \frac{15}{3\sqrt{5a^{2}+7}} + \frac{3log_{a}8}{\sin\frac{b}{2a}} + \frac{4 c-2a+1 }{\sqrt{8a}} = \frac{1}{b} = 0 \\ c = 0 $ $ \frac{16}{2ctg(3a^{1,8}) - \sqrt[5]{\sin b}} + \sqrt{\sin b^{2.7} + a^{2.7}} - ctg\sqrt{c^{2,7}+1} = \frac{1}{b} = 0 \\ c = 1 $ $ \frac{17}{a} + \frac{(b-c)^{2}+1}{a} + \frac{\sqrt{b+c+1}}{log_{2} a-1 } + \frac{c+\cos\frac{a-5}{2}}{1+\sqrt[3]{4a+b+1}} = \frac{1}{b} = 0 \\ c = 9 $ $ \frac{18}{tg^{2}c + log_{2}a}8 + \frac{1+ a-b + \sqrt{10a+3b}}{3\sin\frac{c}{2a} + \sqrt[3]{2(b-1)} + lna} = \frac{1}{b} = 5 \\ c = 5 $ $ \frac{19}{1} + \frac{8\sin\frac{b}{ac} + \cos b}{1+log_{c}(a+1)} + lg(3a+1) + \frac{a+c^{2}+1}{\sqrt{4(a+1)}} = \frac{1}{b} = 0 $ $ \frac{a=1}{b=0} $ $ \frac{a=3}{b=\pi} $ $ c=2 $		A cin C	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		$\frac{4 \sin \frac{\pi}{2}}{2}$	$c = \pi$
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	10		. 2
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	12	$0.5\cos^2 h + \sqrt{a+1}\cos \frac{b}{a}$	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		$a^2 + c$ 0.3 cos $b + \sqrt{u + 1\cos 6}$	$b = \pi$
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		$\frac{1}{2} + \frac{3}{3}(c+1)$	c - 8
$7\sin\frac{c}{a+b} + \sqrt{\frac{ \sqrt[3]{2b-9a} }{0.5a}} + \frac{3\sin\frac{c}{2} + \cos^{2}c}{\log_{a}4b} \qquad \qquad b = 4$ $c = \pi$ $14 \frac{\log_{b}32 + \sqrt[3]{3b+2c}}{\sqrt{c+2} \cdot \lg\frac{a}{2(b+c)}} + c-3b + \frac{2\cos^{2}a}{\lg 5b} \qquad \qquad a = \pi$ $b = 2$ $c = 1$ $15 \frac{\sqrt[3]{5a^{2} + 7} + \frac{3\log_{a}8}{\sin\frac{b}{2a}} + \frac{4 c-2a+1 }{\sqrt[3]{8a}} \qquad \qquad a = 2$ $b = \pi$ $c = 0$ $16 \frac{2ctg(3a^{1,8}) - \sqrt[5]{\sin b} + \sqrt{\sin b^{2,7} + a^{2,7}} - ctg\sqrt{c^{2,7} + 1}} \qquad a = 1$ $b = 0$ $c = 1$ $17 \frac{(b-c)^{2} + 1}{a} + \frac{\sqrt{b+c+1}}{\log_{2} a-1 } + \frac{c + \cos\frac{a-5}{2}}{1 + \sqrt[3]{4a+b+1}} \qquad a = 5$ $b = 6$ $c = 9$ $18 \frac{tg^{2}c + \log_{2}a}{1 + \log_{2}a} + \frac{1+ a-b + \sqrt{10a+3b}}{3\sin\frac{c}{2a} + \sqrt[3]{2(b-1)} + \ln a} \qquad a = 1$ $b = 5$ $c = 5$ $19 \frac{8\sin\frac{b}{ac} + \cos b}{1 + \log_{c}(a+1)} + \lg(3a+1) + \frac{a+c^{2} + 1}{\sqrt[3]{4(a+1)}} \qquad c = 2$ $20 \frac{(a+1)^{2} + \cos(ac^{2,7b^{1,7}}) + \left(1 + \frac{1}{2}\right)^{2,7}}{1 + \log_{c}(a+1)} \qquad a = 1$ $b = 0$		$2a \qquad 1 + log_a c$	C = 0
$7\sin\frac{c}{a+b} + \sqrt{\frac{ \sqrt[3]{2b-9a} }{0.5a}} + \frac{3\sin\frac{c}{2} + \cos^{2}c}{\log_{a}4b} \qquad \qquad b = 4$ $c = \pi$ $14 \frac{\log_{b}32 + \sqrt[3]{3b+2c}}{\sqrt{c+2} \cdot \lg\frac{a}{2(b+c)}} + c-3b + \frac{2\cos^{2}a}{\lg 5b} \qquad \qquad a = \pi$ $b = 2$ $c = 1$ $15 \frac{\sqrt[3]{5a^{2} + 7} + \frac{3\log_{a}8}{\sin\frac{b}{2a}} + \frac{4 c-2a+1 }{\sqrt[3]{8a}} \qquad \qquad a = 2$ $b = \pi$ $c = 0$ $16 \frac{2ctg(3a^{1,8}) - \sqrt[5]{\sin b} + \sqrt{\sin b^{2,7} + a^{2,7}} - ctg\sqrt{c^{2,7} + 1}} \qquad a = 1$ $b = 0$ $c = 1$ $17 \frac{(b-c)^{2} + 1}{a} + \frac{\sqrt{b+c+1}}{\log_{2} a-1 } + \frac{c + \cos\frac{a-5}{2}}{1 + \sqrt[3]{4a+b+1}} \qquad a = 5$ $b = 6$ $c = 9$ $18 \frac{tg^{2}c + \log_{2}a}{1 + \log_{2}a} + \frac{1+ a-b + \sqrt{10a+3b}}{3\sin\frac{c}{2a} + \sqrt[3]{2(b-1)} + \ln a} \qquad a = 1$ $b = 5$ $c = 5$ $19 \frac{8\sin\frac{b}{ac} + \cos b}{1 + \log_{c}(a+1)} + \lg(3a+1) + \frac{a+c^{2} + 1}{\sqrt[3]{4(a+1)}} \qquad c = 2$ $20 \frac{(a+1)^{2} + \cos(ac^{2,7b^{1,7}}) + \left(1 + \frac{1}{2}\right)^{2,7}}{1 + \log_{c}(a+1)} \qquad a = 1$ $b = 0$	13	$\begin{bmatrix} 2 & 1 \\ 2 & 1 \end{bmatrix}$ 2. C 2	a=2
$ \frac{14}{\sqrt{c+2}} \frac{\log_b 32 + \sqrt[3]{3b+2c}}{\sqrt{c+2} \cdot tg} + c-3b + \frac{2\cos^2 a}{\lg 5b} \qquad \qquad \begin{array}{c} a = \pi \\ b = 2 \\ c = 1 \\ \\ \hline 15 \sqrt[3]{5a^2 + 7} + \frac{3\log_a 8}{\sin\frac{b}{2a}} + \frac{4 c-2a+1 }{\sqrt{8a}} \qquad \qquad \qquad \begin{array}{c} a = 2 \\ b = \pi \\ c = 0 \\ \\ \hline 16 2ctg(3a^{1,8}) - \sqrt[5]{\sin b} + \sqrt{\sin b^{2,7} + a^{2,7}} - ctg\sqrt{c^{2,7} + 1} \qquad a = 1 \\ b = 0 \\ c = 1 \\ \\ \hline 17 \frac{(b-c)^2 + 1}{a} + \frac{\sqrt{b+c+1}}{\log_2 a-1 } + \frac{c + \cos\frac{a-5}{2}}{1 + \sqrt[3]{4a+b+1}} \qquad \qquad \begin{array}{c} a = 5 \\ b = 6 \\ c = 9 \\ \\ \hline 18 tg^2c + \log_{2a} 8 + \frac{1 + a-b + \sqrt{10a+3b}}{3\sin\frac{c}{2a} + \sqrt[3]{2(b-1)} + lna} \qquad \qquad \begin{array}{c} a = 1 \\ b = 5 \\ c = 5 \\ \\ \hline 19 8 \sin\frac{b}{ac} + \cos b \\ 1 + \log_c (a+1) + lg(3a+1) + \frac{a+c^2 + 1}{\sqrt{4(a+1)}} \qquad \qquad \begin{array}{c} a = 3 \\ b = \pi \\ c = 2 \\ \\ \hline 20 \left(\frac{a+1}{b-1}\right)^2 + \cos\left(ac^{2,7b^{1,7}}\right) + \left(1 + \frac{1}{2}\right)^{2,7} \qquad \begin{array}{c} a = 1 \\ b = 0 \\ \end{array} $		$ \sqrt[3]{2b-9a} 3\sin\frac{\pi}{2} + \cos^2 c$	
$ \frac{14}{\sqrt{c+2}} \frac{\log_b 32 + \sqrt[3]{3b+2c}}{\sqrt{c+2} \cdot tg} + c-3b + \frac{2\cos^2 a}{\lg 5b} \qquad \qquad \begin{array}{c} a = \pi \\ b = 2 \\ c = 1 \\ \\ \hline 15 \sqrt[3]{5a^2 + 7} + \frac{3\log_a 8}{\sin\frac{b}{2a}} + \frac{4 c-2a+1 }{\sqrt{8a}} \qquad \qquad \qquad \begin{array}{c} a = 2 \\ b = \pi \\ c = 0 \\ \\ \hline 16 2ctg(3a^{1,8}) - \sqrt[5]{\sin b} + \sqrt{\sin b^{2,7} + a^{2,7}} - ctg\sqrt{c^{2,7} + 1} \qquad a = 1 \\ b = 0 \\ c = 1 \\ \\ \hline 17 \frac{(b-c)^2 + 1}{a} + \frac{\sqrt{b+c+1}}{\log_2 a-1 } + \frac{c + \cos\frac{a-5}{2}}{1 + \sqrt[3]{4a+b+1}} \qquad \qquad \begin{array}{c} a = 5 \\ b = 6 \\ c = 9 \\ \\ \hline 18 tg^2c + \log_{2a} 8 + \frac{1 + a-b + \sqrt{10a+3b}}{3\sin\frac{c}{2a} + \sqrt[3]{2(b-1)} + lna} \qquad \qquad \begin{array}{c} a = 1 \\ b = 5 \\ c = 5 \\ \\ \hline 19 8 \sin\frac{b}{ac} + \cos b \\ 1 + \log_c (a+1) + lg(3a+1) + \frac{a+c^2 + 1}{\sqrt{4(a+1)}} \qquad \qquad \begin{array}{c} a = 3 \\ b = \pi \\ c = 2 \\ \\ \hline 20 \left(\frac{a+1}{b-1}\right)^2 + \cos\left(ac^{2,7b^{1,7}}\right) + \left(1 + \frac{1}{2}\right)^{2,7} \qquad \begin{array}{c} a = 1 \\ b = 0 \\ \end{array} $		$7\sin\frac{c}{1+\sqrt{c}} + \sqrt{c}\frac{1}{c} + \frac{2}{c}$	
$ \frac{14}{\sqrt{c+2}} \frac{\log_b 32 + \sqrt[3]{3b+2c}}{\sqrt{c+2} \cdot tg} + c-3b + \frac{2\cos^2 a}{\lg 5b} \qquad \qquad \begin{array}{c} a = \pi \\ b = 2 \\ c = 1 \\ \\ \hline 15 \sqrt[3]{5a^2 + 7} + \frac{3\log_a 8}{\sin\frac{b}{2a}} + \frac{4 c-2a+1 }{\sqrt{8a}} \qquad \qquad \qquad \begin{array}{c} a = 2 \\ b = \pi \\ c = 0 \\ \\ \hline 16 2ctg(3a^{1,8}) - \sqrt[5]{\sin b} + \sqrt{\sin b^{2,7} + a^{2,7}} - ctg\sqrt{c^{2,7} + 1} \qquad a = 1 \\ b = 0 \\ c = 1 \\ \\ \hline 17 \frac{(b-c)^2 + 1}{a} + \frac{\sqrt{b+c+1}}{\log_2 a-1 } + \frac{c + \cos\frac{a-5}{2}}{1 + \sqrt[3]{4a+b+1}} \qquad \qquad \begin{array}{c} a = 5 \\ b = 6 \\ c = 9 \\ \\ \hline 18 tg^2c + \log_{2a} 8 + \frac{1 + a-b + \sqrt{10a+3b}}{3\sin\frac{c}{2a} + \sqrt[3]{2(b-1)} + lna} \qquad \qquad \begin{array}{c} a = 1 \\ b = 5 \\ c = 5 \\ \\ \hline 19 8 \sin\frac{b}{ac} + \cos b \\ 1 + \log_c (a+1) + lg(3a+1) + \frac{a+c^2 + 1}{\sqrt{4(a+1)}} \qquad \qquad \begin{array}{c} a = 3 \\ b = \pi \\ c = 2 \\ \\ \hline 20 \left(\frac{a+1}{b-1}\right)^2 + \cos\left(ac^{2,7b^{1,7}}\right) + \left(1 + \frac{1}{2}\right)^{2,7} \qquad \begin{array}{c} a = 1 \\ b = 0 \\ \end{array} $		$a+b$ $\sqrt{0.5}a$ $\log_a 4b$	$c = \pi$
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	1.4		
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	14	$log_b 32 + \frac{3}{3}l3b + 2c$ $2cos^2 a$	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		$-\frac{3b}{a} + c-3b + \frac{3b}{a}$	b=2
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		$\sqrt{c+2}$ to $\frac{a}{\sqrt{c+2}}$	c=1
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		2(b+c)	
$ \frac{2a}{16} \frac{2ctg(3a^{1,8}) - \sqrt{\sin b} + \sqrt{\sin b^{2.7} + a^{2.7}} - ctg\sqrt{c^{2,7} + 1}}{2ctg(3a^{1,8}) - \sqrt{\sin b} + \sqrt{\sin b^{2.7} + a^{2.7}} - ctg\sqrt{c^{2,7} + 1}} = \frac{1}{b = 0} $ $ \frac{17}{a} \frac{(b - c)^2 + 1}{a} + \frac{\sqrt{b + c + 1}}{\log_2 a - 1 } + \frac{c + \cos\frac{a - 5}{2}}{1 + \sqrt[3]{4a + b + 1}} = \frac{1}{b = 6} $ $ \frac{18}{a} \frac{tg^2c + \log_2 a}{1 + a - b + \sqrt{10a + 3b}} = \frac{1}{b = 5} $ $ \frac{19}{3\sin\frac{c}{2a} + \sqrt[3]{2(b - 1)} + \ln a} = \frac{1}{b = 5} $ $ \frac{19}{1 + \log_c(a + 1)} \frac{8\sin\frac{b}{ac} + \cos b}{1 + \log_c(a + 1)} + \frac{1}{2}(3a + 1) + \frac{a + c^2 + 1}{\sqrt{4(a + 1)}}} = \frac{1}{b = 0} $ $ \frac{20}{1 + \frac{a + 1}{b + 1}} \frac{1}{a + c} + \cos(ac^{2,7b^{1,7}}) + \left(1 + \frac{1}{2}\right)^{2,7} = \frac{1}{b = 0} $	1 ~		- 2
$ \frac{2a}{16} \frac{2ctg(3a^{1,8}) - \sqrt{\sin b} + \sqrt{\sin b^{2.7} + a^{2.7}} - ctg\sqrt{c^{2,7} + 1}}{2ctg(3a^{1,8}) - \sqrt{\sin b} + \sqrt{\sin b^{2.7} + a^{2.7}} - ctg\sqrt{c^{2,7} + 1}} = \frac{1}{b = 0} $ $ \frac{17}{a} \frac{(b - c)^2 + 1}{a} + \frac{\sqrt{b + c + 1}}{\log_2 a - 1 } + \frac{c + \cos\frac{a - 5}{2}}{1 + \sqrt[3]{4a + b + 1}} = \frac{1}{b = 6} $ $ \frac{18}{a} \frac{tg^2c + \log_2 a}{1 + a - b + \sqrt{10a + 3b}} = \frac{1}{b = 5} $ $ \frac{19}{3\sin\frac{c}{2a} + \sqrt[3]{2(b - 1)} + \ln a} = \frac{1}{b = 5} $ $ \frac{19}{1 + \log_c(a + 1)} \frac{8\sin\frac{b}{ac} + \cos b}{1 + \log_c(a + 1)} + \frac{1}{2}(3a + 1) + \frac{a + c^2 + 1}{\sqrt{4(a + 1)}}} = \frac{1}{b = 0} $ $ \frac{20}{1 + \frac{a + 1}{b + 1}} \frac{1}{a + c} + \cos(ac^{2,7b^{1,7}}) + \left(1 + \frac{1}{2}\right)^{2,7} = \frac{1}{b = 0} $	15	$3 _{5} = 2 + 7 + 3\log_a 8 + 4 c - 2a + 1 $	
$ \frac{2a}{16} \frac{2ctg(3a^{1,8}) - \sqrt{\sin b} + \sqrt{\sin b^{2.7} + a^{2.7}} - ctg\sqrt{c^{2,7} + 1}}{2ctg(3a^{1,8}) - \sqrt{\sin b} + \sqrt{\sin b^{2.7} + a^{2.7}} - ctg\sqrt{c^{2,7} + 1}} = \frac{1}{b = 0} $ $ \frac{17}{a} \frac{(b - c)^2 + 1}{a} + \frac{\sqrt{b + c + 1}}{\log_2 a - 1 } + \frac{c + \cos\frac{a - 5}{2}}{1 + \sqrt[3]{4a + b + 1}} = \frac{1}{b = 6} $ $ \frac{18}{a} \frac{tg^2c + \log_2 a}{1 + a - b + \sqrt{10a + 3b}} = \frac{1}{b = 5} $ $ \frac{19}{3\sin\frac{c}{2a} + \sqrt[3]{2(b - 1)} + \ln a} = \frac{1}{b = 5} $ $ \frac{19}{1 + \log_c(a + 1)} \frac{8\sin\frac{b}{ac} + \cos b}{1 + \log_c(a + 1)} + \frac{1}{2}(3a + 1) + \frac{a + c^2 + 1}{\sqrt{4(a + 1)}}} = \frac{1}{b = 0} $ $ \frac{20}{1 + \frac{a + 1}{b + 1}} \frac{1}{a + c} + \cos(ac^{2,7b^{1,7}}) + \left(1 + \frac{1}{2}\right)^{2,7} = \frac{1}{b = 0} $		$\sqrt{3a} + l + \frac{a}{b} + \frac{b}{\sqrt{a}}$	$b = \pi$
$ \frac{2a}{16} \frac{2ctg(3a^{1,8}) - \sqrt{\sin b} + \sqrt{\sin b^{2.7} + a^{2.7}} - ctg\sqrt{c^{2,7} + 1}}{2ctg(3a^{1,8}) - \sqrt{\sin b} + \sqrt{\sin b^{2.7} + a^{2.7}} - ctg\sqrt{c^{2,7} + 1}} = \frac{1}{b = 0} $ $ \frac{17}{a} \frac{(b - c)^2 + 1}{a} + \frac{\sqrt{b + c + 1}}{\log_2 a - 1 } + \frac{c + \cos\frac{a - 5}{2}}{1 + \sqrt[3]{4a + b + 1}} = \frac{1}{b = 6} $ $ \frac{18}{a} \frac{tg^2c + \log_2 a}{1 + a - b + \sqrt{10a + 3b}} = \frac{1}{b = 5} $ $ \frac{19}{3\sin\frac{c}{2a} + \sqrt[3]{2(b - 1)} + \ln a} = \frac{1}{b = 5} $ $ \frac{19}{1 + \log_c(a + 1)} \frac{8\sin\frac{b}{ac} + \cos b}{1 + \log_c(a + 1)} + \frac{1}{2}(3a + 1) + \frac{a + c^2 + 1}{\sqrt{4(a + 1)}}} = \frac{1}{b = 0} $ $ \frac{20}{1 + \frac{a + 1}{b + 1}} \frac{1}{a + c} + \cos(ac^{2,7b^{1,7}}) + \left(1 + \frac{1}{2}\right)^{2,7} = \frac{1}{b = 0} $		$\sin \frac{b}{a}$ $\sqrt{8a}$	c = 0
$ \frac{(b-c)^{2}+1}{a} + \frac{\sqrt{b+c+1}}{\log_{2} a-1 } + \frac{c+\cos\frac{a-5}{2}}{1+\sqrt[3]{4a+b+1}} \qquad \begin{array}{c} a=5\\ b=6\\ c=9 \end{array} $ $ \frac{18}{18} tg^{2}c + \log_{2}a8 + \frac{1+ a-b +\sqrt{10a+3b}}{3\sin\frac{c}{2a} + \sqrt[3]{2(b-1)} + \ln a} \qquad \begin{array}{c} a=1\\ b=5\\ c=5 \end{array} $ $ \frac{19}{1+\log_{c}(a+1)} + \log(3a+1) + \frac{a+c^{2}+1}{\sqrt{4(a+1)}} \qquad \begin{array}{c} a=3\\ b=\pi\\ c=2 \end{array} $ $ \frac{20}{1+\log_{c}(a+1)^{2} + \cos(ac^{2,7b^{1,7}}) + \left(1+\frac{1}{2}\right)^{2,7}} \qquad \begin{array}{c} a=1\\ b=0 \end{array} $		2a	c = 0
$ \frac{(b-c)^{2}+1}{a} + \frac{\sqrt{b+c+1}}{\log_{2} a-1 } + \frac{c+\cos\frac{a-5}{2}}{1+\sqrt[3]{4a+b+1}} \qquad \begin{array}{c} a=5\\ b=6\\ c=9 \end{array} $ $ \frac{18}{18} tg^{2}c + \log_{2}a8 + \frac{1+ a-b +\sqrt{10a+3b}}{3\sin\frac{c}{2a} + \sqrt[3]{2(b-1)} + \ln a} \qquad \begin{array}{c} a=1\\ b=5\\ c=5 \end{array} $ $ \frac{19}{1+\log_{c}(a+1)} + \log(3a+1) + \frac{a+c^{2}+1}{\sqrt{4(a+1)}} \qquad \begin{array}{c} a=3\\ b=\pi\\ c=2 \end{array} $ $ \frac{20}{1+\log_{c}(a+1)^{2} + \cos(ac^{2,7b^{1,7}}) + \left(1+\frac{1}{2}\right)^{2,7}} \qquad \begin{array}{c} a=1\\ b=0 \end{array} $	16	10 5 27 27	a - 1
$ \frac{(b-c)^{2}+1}{a} + \frac{\sqrt{b+c+1}}{\log_{2} a-1 } + \frac{c+\cos\frac{a-5}{2}}{1+\sqrt[3]{4a+b+1}} \qquad \begin{array}{c} a=5\\ b=6\\ c=9 \end{array} $ $ \frac{18}{18} tg^{2}c + \log_{2}a8 + \frac{1+ a-b +\sqrt{10a+3b}}{3\sin\frac{c}{2a} + \sqrt[3]{2(b-1)} + \ln a} \qquad \begin{array}{c} a=1\\ b=5\\ c=5 \end{array} $ $ \frac{19}{1+\log_{c}(a+1)} + \log(3a+1) + \frac{a+c^{2}+1}{\sqrt{4(a+1)}} \qquad \begin{array}{c} a=3\\ b=\pi\\ c=2 \end{array} $ $ \frac{20}{1+\log_{c}(a+1)^{2} + \cos(ac^{2,7b^{1,7}}) + \left(1+\frac{1}{2}\right)^{2,7}} \qquad \begin{array}{c} a=1\\ b=0 \end{array} $	10	$2ctg(3a^{1,8}) - \sqrt[3]{\sin b} + \sqrt{\sin b^{2.7} + a^{2.7}} - ctg\sqrt{c^{2,7} + 1}$	
$ \frac{(b-c)^{2}+1}{a} + \frac{\sqrt{b+c+1}}{\log_{2} a-1 } + \frac{c+\cos\frac{a-5}{2}}{1+\sqrt[3]{4a+b+1}} \qquad \begin{array}{c} a=5\\ b=6\\ c=9 \end{array} $ $ \frac{18}{18} tg^{2}c + \log_{2}a + \frac{1+ a-b +\sqrt{10a+3b}}{3\sin\frac{c}{2a} + \sqrt[3]{2(b-1)} + \ln a} \qquad \begin{array}{c} a=1\\ b=5\\ c=5 \end{array} $ $ \frac{19}{19} 8\sin\frac{b}{ac} + \cos b \qquad a=3\\ \frac{1+ a-b +\sqrt{10a+3b}}{1+\log_{c}(a+1)} + \log(3a+1) + \frac{a+c^{2}+1}{\sqrt{4(a+1)}} \qquad \begin{array}{c} a=3\\ b=\pi\\ c=2 \end{array} $ $ \frac{20}{19} \left(\frac{a+1}{b-1}\right)^{2} + \cos\left(ac^{2,7b^{1,7}}\right) + \left(1+\frac{1}{2}\right)^{2,7} \qquad \begin{array}{c} a=1\\ b=0 \end{array} $		- 8 (- · · ·)	b = 0
$ \frac{(b-c)^{2}+1}{a} + \frac{\sqrt{b+c+1}}{\log_{2} a-1 } + \frac{c+\cos\frac{2}{2}}{1+\sqrt[3]{4a+b+1}} \qquad b=6 \\ c=9 $ $ 18 tg^{2}c + \log_{2}a + \frac{1+ a-b +\sqrt{10a+3b}}{3\sin\frac{c}{2a} + \sqrt[3]{2(b-1)} + \ln a} \qquad a=1 \\ b=5 \\ c=5 $ $ 19 \frac{8\sin\frac{b}{ac} + \cos b}{1+\log_{c}(a+1)} + \lg(3a+1) + \frac{a+c^{2}+1}{\sqrt{4(a+1)}} \qquad a=3 \\ b=\pi \\ c=2 $ $ 20 \left(\frac{a+1}{b-1}\right)^{2} + \cos\left(ac^{2,7b^{1,7}}\right) + \left(1+\frac{1}{2}\right)^{2,7} \qquad a=1 \\ b=0 $			c = 1
$ \frac{(b-c)^{2}+1}{a} + \frac{\sqrt{b+c+1}}{\log_{2} a-1 } + \frac{c+\cos\frac{2}{2}}{1+\sqrt[3]{4a+b+1}} \qquad b=6 \\ c=9 $ $ 18 tg^{2}c + \log_{2}a + \frac{1+ a-b +\sqrt{10a+3b}}{3\sin\frac{c}{2a} + \sqrt[3]{2(b-1)} + \ln a} \qquad a=1 \\ b=5 \\ c=5 $ $ 19 \frac{8\sin\frac{b}{ac} + \cos b}{1+\log_{c}(a+1)} + \lg(3a+1) + \frac{a+c^{2}+1}{\sqrt{4(a+1)}} \qquad a=3 \\ b=\pi \\ c=2 $ $ 20 \left(\frac{a+1}{b-1}\right)^{2} + \cos\left(ac^{2,7b^{1,7}}\right) + \left(1+\frac{1}{2}\right)^{2,7} \qquad a=1 \\ b=0 $	17	a=5	a-5
	1/	$(b-c)^2+1$ $(b+c+1)$ $c+\cos\frac{a-3}{2}$	
		$\frac{(v-c)}{} + \frac{1}{} + \frac{\sqrt{v+c+1}}{} + \frac{2}{}$	
		$a \frac{1}{\log_2 a-1 } \frac{1+\sqrt[3]{4a+b+1}}{1+\sqrt[3]{4a+b+1}}$	c = 9
$tg^{2}c + log_{2a}8 + \frac{1}{3\sin\frac{c}{2a} + \sqrt[3]{2(b-1)} + lna}$ $b = 5$ $c = 5$ $19 \begin{cases} 8\sin\frac{b}{ac} + \cos b \\ \frac{1}{1 + log_{c}(a+1)} + lg(3a+1) + \frac{a+c^{2}+1}{\sqrt{4(a+1)}} \end{cases}$ $a = 3$ $b = \pi$ $c = 2$ $20 \left(\frac{a+1}{b-1}\right)^{2} + \cos\left(ac^{2,7b^{1,7}}\right) + \left(1 + \frac{1}{2}\right)^{2,7}$ $a = 1$ $b = 0$	4.0		4
$ \frac{19}{ac} \frac{8\sin\frac{b}{ac} + \cos b}{1 + \log_c(a+1)} + \lg(3a+1) + \frac{a+c^2+1}{\sqrt{4(a+1)}} \qquad \qquad \begin{array}{l} a = 3 \\ b = \pi \\ c = 2 \end{array} $ $ \frac{20}{ac} \left(\frac{a+1}{b-1}\right)^2 + \cos\left(ac^{2,7b^{1,7}}\right) + \left(1 + \frac{1}{2}\right)^{2,7} \qquad \qquad \begin{array}{l} a = 1 \\ b = 0 \end{array} $	18	$1+ a-b +\sqrt{10a+3b}$	a = 1
$ \frac{19}{ac} \frac{8\sin\frac{b}{ac} + \cos b}{1 + \log_c(a+1)} + \lg(3a+1) + \frac{a+c^2+1}{\sqrt{4(a+1)}} \qquad \qquad \begin{array}{l} a = 3 \\ b = \pi \\ c = 2 \end{array} $ $ \frac{20}{ac} \left(\frac{a+1}{b-1}\right)^2 + \cos\left(ac^{2,7b^{1,7}}\right) + \left(1 + \frac{1}{2}\right)^{2,7} \qquad \qquad \begin{array}{l} a = 1 \\ b = 0 \end{array} $		$tg^2c + log_{2a}8 + \frac{1}{a}$	b=5
$ \frac{19}{ac} \frac{8\sin\frac{b}{ac} + \cos b}{1 + \log_c(a+1)} + \lg(3a+1) + \frac{a+c^2+1}{\sqrt{4(a+1)}} \qquad \qquad \begin{array}{l} a = 3 \\ b = \pi \\ c = 2 \end{array} $ $ \frac{20}{ac} \left(\frac{a+1}{b-1}\right)^2 + \cos\left(ac^{2,7b^{1,7}}\right) + \left(1 + \frac{1}{2}\right)^{2,7} \qquad \qquad \begin{array}{l} a = 1 \\ b = 0 \end{array} $		$3\sin\frac{c}{a} + 3\sqrt{2(h-1)} + \ln a$	
$ \frac{19}{1 + \log_{c}(a+1)} + \log(3a+1) + \frac{a+c^{2}+1}{\sqrt{4(a+1)}} \qquad \begin{array}{c} a = 3 \\ b = \pi \\ c = 2 \end{array} $ $ \frac{20}{1 + \log_{c}(a+1)} + \cos(ac^{2,7b^{1,7}}) + \left(1 + \frac{1}{2}\right)^{2,7} \qquad \begin{array}{c} a = 1 \\ b = 0 \end{array} $		$2a^{-1}\sqrt{2(b-1)+ma}$	
$\frac{8 \sin \frac{1}{ac} + \cos b}{1 + \log_c(a+1)} + \lg(3a+1) + \frac{a+c^2+1}{\sqrt{4(a+1)}} \qquad b = \pi \\ c = 2$ $20 \left(\frac{a+1}{b-1}\right)^2 + \cos\left(ac^{2,7b^{1,7}}\right) + \left(1 + \frac{1}{2}\right)^{2,7} \qquad a = 1 \\ b = 0$	10		a-3
$\frac{ac}{1 + \log_c(a+1)} + \lg(3a+1) + \frac{a+c^2+1}{\sqrt{4(a+1)}} \qquad \begin{array}{c} b - \pi \\ c = 2 \end{array}$ $20 \left(\frac{a+1}{b-1}\right)^2 + \cos\left(ac^{2,7b^{1,7}}\right) + \left(1 + \frac{1}{2}\right)^{2,7} \qquad \qquad a = 1 \\ b = 0$	17	$8\sin - + \cos b$	
$\frac{20}{\left(\frac{a+1}{b-1}\right)^2 + \cos\left(ac^{2,7b^{1,7}}\right) + \left(1 + \frac{1}{2}\right)^{2,7}} \qquad \begin{array}{c} a = 1 \\ b = 0 \end{array}$		ac $a+c^2+1$	
$\frac{20}{\left(\frac{a+1}{b-1}\right)^2 + \cos\left(ac^{2,7b^{1,7}}\right) + \left(1 + \frac{1}{2}\right)^{2,7}} \qquad \begin{array}{c} a = 1 \\ b = 0 \end{array}$		$\frac{1}{1+l} + lg(3a+1) + \frac{1}{\sqrt{4(a+1)}}$	c=2
$ \frac{20}{\left(\frac{a+1}{b-1}\right)^2 + \cos\left(ac^{2,7b^{1,7}}\right) + \left(1 + \frac{1}{2}\right)^{2,7} } \begin{vmatrix} a = 1 \\ b = 0 \end{vmatrix} $		$1 + \log_{\mathcal{C}}(a+1) \qquad \qquad \sqrt{4(a+1)}$	
$\left \left(\frac{a+1}{b-1} \right) + \cos \left(ac^{2,7b^{1,7}} \right) + \left(1 + \frac{1}{2} \right) \right $ $b = 0$	20		a = 1
$ \left \left(\frac{b-1}{b-1} \right) + \cos \left(\frac{ac}{ac} \right) \right ^{+} \left(\frac{1+a^2}{a^2} \right) $ $ \left \frac{b=0}{c=2} \right ^{-1} $	-0	$(a+1)^{2}$	
$ \cdot \cdot \cdot \cdot \cdot \cdot \cdot \cdot \cdot \cdot$		$\left \frac{1}{b-1} \right + \cos \left ac \right + \left 1 + \frac{1}{2} \right $	
		(v^{-1}) (a^{-1})	c=2
$ c h + log_2(c-1) $	2.1	c/b + log(a-1)	$a = \pi$
$\frac{1}{2\cos^2 a + 8la(b+c)} + \frac{\sqrt{\nu + lag_2(c-1)}}{\sqrt{1 + lag_2(c-1)}}$		$2\cos^2 a + 8lg(b+c) + \frac{\sqrt{b+log_2(c-1)}}{2\cos^2 a + 8lg(b+c)}$	
$2\cos^{2} a + 8lg(b+c) + \frac{1}{\sqrt{a}}$ $b = 7$		a = a	
$1+\sqrt{c}tg\frac{a}{1+c}$ $c=3$		$2\cos^{2} a + 8lg(b+c) + \frac{\sqrt{cb + log_{2}(c-1)}}{1 + \sqrt{c} tg \frac{a}{b-1}}$	c = 3
~ L 1		<i>p</i> -1	_
	22	$\frac{1}{(a+b-1)^2}$	a=9
22 $2 - 9$		$\frac{(a+b-1)}{(a+b-1)} + a + 5\sin\frac{2c}{a} + \frac{\log_b 16}{\log_b 16}$	b=4
22 $2 - 9$		$\sqrt{h + \cos^2 c - 1}$ $h = a - 11 $	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		V D + COS (- 1 U V) W 1 1	$c = \pi$

23	$\frac{\log_{c}(b+1)}{3+\sqrt[3]{4b-1}} + tg^{2}(c-2) + \frac{\sqrt{\frac{2b^{2}}{a+c}} + c}{2\left \ln\frac{c}{2} - a + 1\right }$	a = 5 b = 7 c = 2
24	$3.5\cos a + \frac{\sqrt{5c^2 + 1}}{b^2 + tg^2 a} + \frac{2 + ln a - b }{c}$	a = 0 b = -1 c = 4
25	$\frac{\ln a-b }{a} + \frac{ab + 4\log_b 8}{2 + \sqrt[4]{2a + 5b}} + \sqrt{\frac{a+b}{\cos c^2} - 1}$	a = 3 b = 2 c = 0
26	$\frac{b^2 - 3a}{1 + \ln c - 1 } + \frac{7\sqrt{\cos(2c - b) + b }}{2 a + c } + \sqrt{6b + 1}$	a = -3 $b = 4$ $c = 2$
27	$\frac{\sqrt{\cos 2a}}{b^3} - 2\lg(c-b) + \left(\frac{a^2\sin(a-b)}{\lg\frac{c}{b}}\right)^{-1} \cdot e^{\sqrt{ab}}$	a = 4 $b = 1$ $c = 2$
28	$\frac{a}{\sin b} + \frac{\sqrt{b - 3a}}{\lg(2\cos b - 1)} + \frac{\operatorname{tg}b}{2\log_2 \frac{c}{b}} \cdot \frac{b - a}{\sqrt{\cos a}}$	a = 0 b = 1 c = 2