

①	$20-3^2+5^2$	②	8^2-7^2	③	$(9-4)^2+7$
④	$9^3:3+3^4:9$	⑤	$(100-25):5^2$	⑥	$(1+2^2)(3^2-4)$
⑦	$(8^2+6):10$	⑧	$(1+2)^4-2^4$	⑨	$(9-8)^{14}+14^1$
⑩	$2^4:2:2^2$	⑪	$4+3\cdot 2^{9-6}$	⑫	$2(7^2-3\cdot 6)+1$
⑬	$5(12-2\cdot 5)^2$	⑭	$5\cdot 10^3-4\cdot 10^2$	⑮	$(35-25)^2+(7-2)^2$
⑯	$(9-6)^3+2^{3+1}$	⑰	$2^5:2^2\cdot 2$	⑱	$2^5:(2^2\cdot 2)$
⑲	$(2\cdot 3)^2+2^2\cdot 3^2$	⑳	$3^{5-1}+3^{5-1}$	㉑	$2^{2(5-3)}$
㉒	$10^2+1^{10}+(10+1)^2$	㉓	$4^2+3^2+5^2$	㉔	$12^2+5^2+13^2$
㉕	$(52+48)^2$	㉖	$1^3+1^3+(1+1)^3$	㉗	$2^5-2^4-2^3$
㉘	$4^{5-2}-2$	㉙	$3^3-3^2+3^{3-2}$	㉚	$(6\cdot 7-38)^2:(3-1)^2$
㉛	$2^{3^2}-(2^3)^2$	㉜	$15-3^2+9^2$	㉝	$5^3-(7-2)^2$
㉞	$(12-8)^2:4:2$	㉟	$(12-8)^2:(4:2)$	㊱	2^5-5^2
㊲	2^6-6^2	㊳	$2^3\cdot 2^4+2^7$	㊴	$(7^2-6^2)^2$
㊵	$7(19-17)^2:2$	㊶	$2(2^3-5)^3$	㊷	$1^{14}+1^{93}\cdot 1^{51}$
㊸	$6^3+5(2^2+1)$	㊹	$3(6+5)^2-2(6^2+5^2)$	㊺	$3^4:3^3+3^1$
㊻	$7^2+(12-3)^2$	㊼	$100^2-10^2+(100-10)^2$	㊽	$110^2+(11\cdot 10)^2$
㊾	$(4+4)^2+2\cdot 4^2$	㊿	$(2\cdot 5)^2+4\cdot 25$	①	$(5\cdot 2)^3:(5^2\cdot 2^2)$
②	$(2+3)^{3+1}$	③	$(9-6)^{9-6}$	④	$2+(2+3)^3$
⑤	$5\cdot 2^3+2\cdot 5^3$	⑥	$(5\cdot 2)^3+(2\cdot 5)^3$	⑦	$5\cdot (2^3+2)\cdot 5^3$
⑧	$(3^3-7)^2:2^2$	⑨	$4(2^3+1)+3(5-1)^2$	⑩	$(3^2+6\cdot 5):3$
⑪	$(8^2+6^2):10^2$	⑫	$10^3:2:5$	⑬	$2(4^2-1)5$
⑭	$15^2+(10+5)^2$	⑮	$(32-2)^3+2^3$	⑯	$6^2:2:3\cdot 5$
⑰	$17^2+10^2+7^2$	⑱	$(31^2+13^2):10$	⑲	$(2^3+3^3):(4^2-3^2)$
⑳	$2^2+25^2:5+20$	㉑	$(9^3+1):10-3$	㉒	$(5^3-5^2):(2\cdot 5)$
㉓	$(3^2+4^2):5^2$	㉔	$(8^2+15^2):17^2$	㉕	$(9^2+40^2):41^2$

Soluciones

①	36	②	15	③	32
④	252	⑤	3	⑥	1
⑦	7	⑧	65	⑨	15
⑩	2	⑪	28	⑫	63
⑬	20	⑭	4600	⑮	125
⑯	43	⑰	16	⑱	4
⑲	72	⑳	323	㉑	16
㉒	222	㉓	50	㉔	338
㉕	10 000	㉖	10	㉗	8
㉘	62	㉙	21	㉚	4
㉛	448	㉜	87	㉝	100
㉞	2	㉟	8	㊱	7
㊲	28	㊳	256	㊴	169
㊵	14	㊶	54	㊷	2
㊸	241	㊹	241	㊺	6
㊻	130	㊼	18 000	㊽	24 200
㊾	96	㊿	200	①	10
②	625	③	27	④	127
⑤	290	⑥	2000	⑦	6250
⑧	100	⑨	84	⑩	13
⑪	1	⑫	100	⑬	150
⑭	450	⑮	27 008	⑯	30
⑰	438	⑱	113	⑲	5
⑳	149	㉑	70	㉒	10
㉓	1	㉔	1	㉕	1