$2(2^n - 1) = 510$

$2^n - 1 = 255$

$2^n = 256$

$2^8 = 256$

$a_1 = \frac{a_{10}}{k^9}$

$\vdots$

$a_9 = \frac{a_{10}}{k}$

$a_{10} = a_{10}$

$a_{11} = a_{10}k$

$\vdots$

$a_{20} = a_{10}k^{10}$

a

$a_1 + a_3 + \dots + a_{19} = 15$

$a_{10}^{10} k^{10} = 13$

$a_1,\ 10 - a_1 \,/\, ,\ a_1 + 3,\ 13 - a_1 \,/\, ,\ a_1 + 6,\ 16 - a_1 \ \dots \,/\, 37 - a_1$

$1331 \equiv 121 \pmod{1210}$

$11^3 \equiv 11^2 \pmod{1210}$

$11^{10} \equiv 11 \bmod (121)$

$11^{111} = 1 \bmod (10)$

$11^{11} =$

6

10

19x3

57

67(20)

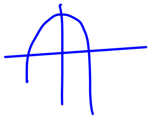
1340

$\phi(10) = 10(1-\frac{1}{2})(1-\frac{1}{5})(1-\frac{1}{10})^{111}$

$= 10 \cdot \frac{1}{2} \cdot \frac{4}{5}$

$\frac{12.5}{100} = \frac{25}{200} = \frac{1}{8}$

$f'(g$



$1 < x - \frac{3}{7} < 7$

$7 < 7x - 3 < 49$

$10 < 7x < 52$

$52 > 7x > 3$

1–7 2–7

$7 > x - \frac{3}{7} > 1$

$\frac{52}{7} > x > \frac{3}{7}$

1– 7

$y = ax^2 + bx + c$

$0 = 16a - 4b + c$

$0 = 4a + 2b + c$

$16 = c$

$-16 = 16a - 4b$

$-8 = 8a - 2b$

$-16 = 4a + 2b$

$-24 = 12a$

$-2 = a$

$-4 = b$

$16 = 2b - 8$

24

$5^a = x^2$

$ab = 30,000$

$= 300,100$

$\sqrt{5} < \frac{28}{87}$

$x^3 = \frac{\sqrt{3}^4}{\sqrt{3}^3}$

$x = \sqrt{3}$

800 x

14088

1120

2440

65 → 19

67 → 20

60 → 24

16

$\left(\frac{8}{24}\right)\left(\frac{7}{20}\right) = \frac{7}{15}$

6 ✓
16 ✓
26 ✓
36 ✓
46 ✓
56 ✓
60 ✓
62 ✓
64 ✓
66 ✓
68 ✓
76 ✓
86 ✓
96 ✓

a_2

$486 = 63(7) + 45$

$45 = 14(3) + 3$

42

98

378

108

63(7)

$\frac{12}{100}$

441

289×12

4

12

441

9	0	2
24		6
24	8	24

+8

+56

+392

$68 + 6\theta + 6\theta = 248$

45 =

$\frac{4}{6}$ x

$\frac{1}{3} < \frac{1}{8}$

$4 \times 2 + \varphi$

$\theta = 1$

$\theta + \theta = 3$

$\theta = \frac{1}{24}$

$\frac{1}{24} + \theta + \theta = \frac{1}{6}$

$\theta + \theta = \frac{1}{6} - \frac{1}{24}$

$\theta + \theta = \frac{3}{24} = \frac{1}{8}$

$\frac{20}{3} = 6\frac{2}{3}$