Domounee gaganne N2

$$Q = 2e^{2} + 6x + c$$

$$(1,2), (3,10), (5,1)$$

$$(2 = 2(1)^{2} + 6(1) + c$$

$$10 = 2(3)^{2} + 6(3) + c$$

$$1 = 2(5) + 6(5) + c$$

$$(2+6+c=2)$$

$$3e+36+c=10$$

$$3e+56+c=1$$

$$2=2-6-c$$

$$3e+36+c=10$$

$$3e+6-c+6-c$$

$$3e+6-c+6-c$$

$$18-96-9e+36+c=1$$

$$2=2-6-c$$

$$18-96-9e+36+c=1$$

$$2=2-6-c$$

$$-66-8c=-8$$

$$-206-24e=-49$$

$$1e=2-6-c$$

$$1e=2-$$

$$\frac{30(8-8c)}{6} + \frac{144c}{6} = \frac{394}{6}$$

$$160-160c+144c=294$$

$$-16c=134$$

$$c=-8\frac{3}{8}$$

$$8 = 8-8\cdot (-8\frac{3}{8}) = \frac{8+67}{6} = \frac{75}{6} = 10\frac{1}{2}$$

$$2 = 2-12\frac{1}{2}+8\frac{3}{8} = \frac{16-100}{8}+\frac{67}{8} = \frac{16}{8} =$$

Oliemon orgpyd = 100 m Bogo = 99% Lepez eneciez Bogo = 98% Bec enema -?

=> 2% - 1 kr (eyor. 6-60) 100% - X kr (enemon)

Diles: succes mennal represence = 50 m

(3) 1) 2 = 256 2 = log 2 256 - 8 OD3: 90>0

 $2 \stackrel{?}{} 2 = 300$ $2 = \log_2 300$ 003 : 2 > 0

3) $\log_8 2^{8x-4} = 4$ $0.03: 2^{8x-4} > 0$ $\log_8 4096$ $2^{8x-4} = 4096$ $2^{8x-4} = 2^{12}$ $8x-4 = 2^{12}$ 8x-4 = 128x-4 = 2

eliacco logir = 99 m

% oga . 6 la = 1%

% cyc b-be = 2% lisecu cyx b-bo = 1 kr

Copy energ:

elloccu eya 6.60 = 100.99=

4) $3 \log_9(5x-5) = 5$ 0.03: 5x-5>09e>1

 $(5x-5)^{2}\cos^{3}=5$ $(5x-5)^{\frac{1}{2}}=5$ (5x-5)=5 5x-5=25 5x=30x=6 5) $xe^{\log_3 x + 1} = g$ $0x^3 : xe \neq 0$ $xe^{2x} > -1$ $\log_3 xe^{2x} = \log_3 g \left(\log_2 e^{x} = r\log_2 e\right)$ $\log_3 xe^{2x} \cdot \log_3 xe^{-2x} \left(\log_2 e^{x} - \log_2 e\right)$ $\log_3 xe^{2x} \cdot \log_3 xe^{-2x} \left(\log_2 e^{x} - \log_2 e\right)$ $\log_3 xe^{2x} \cdot \log_3 xe^{-2x} \left(\log_2 e^{x} - \log_2 e\right)$ $\log_3 xe^{2x} \cdot \log_3 xe^{-2x} \cdot \log_2 e^{x}$ $\log_3 xe^{2x} \cdot \log_3 xe^{-2x} \cdot \log_3 e^{x}$

 $3^{4} = 2e + 1$ 2e = 40

(1) (2)
$$\log_{3} 16 = 2$$
 (2) $\log_{5} \frac{1}{15} = -2$ (3) $\log_{3} 137 = \log_{3} 3^{15} = 1.5$

(2) $\log_{3} 137 = \log_{3} 3\sqrt{3} = \log_{3} 3^{15} = 1.5$

(3) $\log_{3} 12 - \log_{3} 3 = \log_{3} \frac{12}{3} = 2$

(4) $\log_{6} 12 + \log_{6} 3 = \log_{6} 12.3 = 2$

(12) $e^{2} \frac{15}{15} = 5$

(13) $e^{2} \frac{125}{\log_{3} 15} = \log_{15} \frac{125}{15} = 2$

(14) $\log_{4} 32 + \log_{6} 10 = \log_{4} (16.2) + \log_{10} 10 = \log_{4} (6 + \log_{4} 2 - 1)$

(3) $e^{2} \frac{15}{15} = \log_{15} 225 = 2$

14)
$$\log_4 32 + \log_{0,1} 10 = \log_4 (16.2) + \log_{10} 10 = \log_4 16 + \log_4 2 - 1 =$$

= $2 - 1 + \log_4 2 = 1 + \log_4 2 = 1 + \frac{1}{2} = 1,5$