

$$e^{2x}+e^x-6=0$$

x = ? (Round to the nearest hundredth)

Set 6



$$y = \frac{3x^2 + 7x - 6}{x^2 + 2x - 3}$$

The horizontal asymptote is y = ?

Set 5



$$\ln \sqrt[3]{2x+1} = 1$$

x = ? (Round to the nearest hundredth)

Set 6



$$y = \frac{3x^2 + 7x - 6}{x^2 + 2x - 3}$$

Set 5



$$2^x = 3^{2x+1}$$

x = ? (Round to the nearest hundredth)

Set 6



$$y = \frac{3x^2 + 7x - 6}{x^2 + 2x - 3}$$

The hole is at x = ?

Set 5



$$6^{2x-3} = 11$$

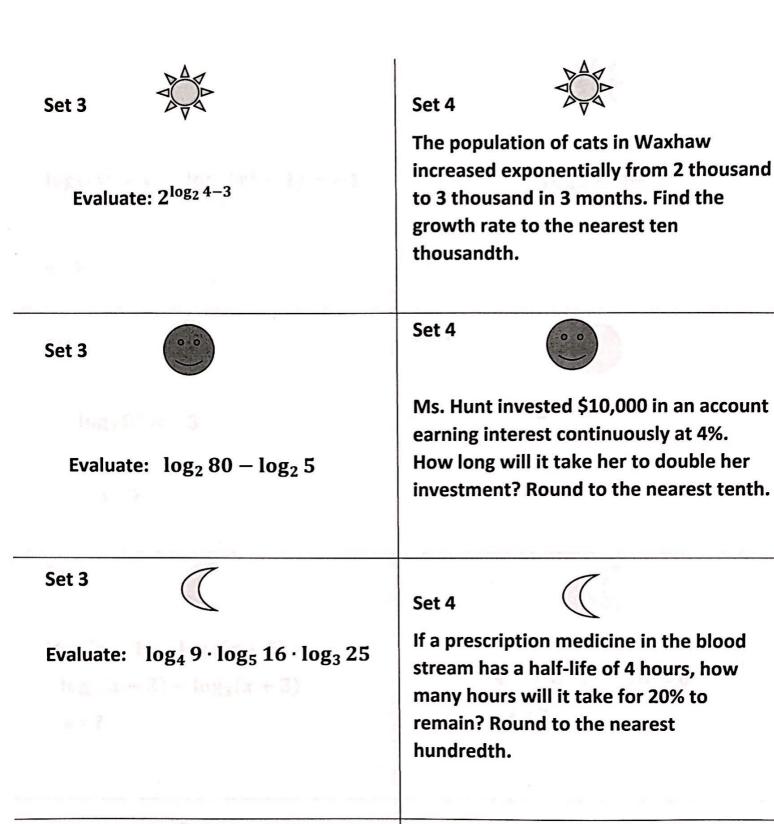
x = ? (Round to the nearest hundredth)

Set 6



$$y = \frac{3x^2 + 7x - 6}{x^2 + 2x - 3}$$

The vertical asymptote is at x = ?







Evaluate: $2\ln\frac{1}{e^3}$

Set 4



A population of wolves increased from 70 to 140 in 3 years. What was the yearly growth rate? Round to the nearest hundredth.



$$\log_{\frac{1}{3}}(x^2+x) - \log_{\frac{1}{3}}(x^2-1) = -1$$

$$x = ?$$

Set 2



$$3\sqrt{27}=9^{2x}$$

$$x = ?$$

Set 1



 $\log_2 8^x = -3$

$$x = ?$$

Set 2



$$2^{6+x} = 4^{x+2}$$

$$x = ?$$

Set 1



 $\log_3(x-1) - \log_3(x+6) =$ $\log_3(x-2) - \log_3(x+3)$

$$x = ?$$

Set 2



$$4^{2x} + 6 \cdot 4^x - 16 = 0$$
x = ?

Set 1



$$\log_a(x) + \log_a(x-2) = \log_a(x+4)$$
x = ?

Set 2



$$\sqrt{16^x} = 8^{x-1}$$
$$x = ?$$

Set 1 Sum = 9







Set 2 Sum = $6 \frac{1}{8}$



5/8 2

Set 3 Sum = 6 1/2





Set 4 Sum = 26.9552









.1352 17.3 9.29

Set 5 Sum = 11.67









Set 6 Sum = 3







