

Linear Law Practice 1–

Reduce Non-linear Function to Linear Function



Practice 1:

1. Reduce each of the following equations to the linear form. Hence, state the gradient and the Y-intercept of the linear equations in terms of a and b .

a. $y = ax^3 + bx^2$

d. $xy = \frac{p}{x} + qx$

b. $y = ax + \frac{b}{x}$

e. $y = a\sqrt{x} + \frac{b}{\sqrt{x}}$

c. $y = ax - bx^2$

f. $\frac{a}{y} = \frac{b}{x} + 1$

Linear Law Practice 1–

Reduce Non-linear Function to Linear Function



OnlineTuition.com.my

g. $kx^2 + ty^2 = x$

i. $hy = x + \frac{k}{x}$

h. $y = \frac{x}{p + qx}$

j. $y = ab^x$

We focus on

Answering Exam Questions

<http://www.onlinetuition.com.my/>

Linear Law Practice 1–

Reduce Non-linear Function to Linear Function



OnlineTuition.com.my

k. $y = ax^b$

l. $y = ab^{x+1}$

We focus on

Answering Exam Questions

<http://www.onlinetuition.com.my/>