



Innosphere Empire

FUNCTIONS

EDUCATION and ENTERTAINMENT and EMPIRE (E³)



A function can be a
mathematical model
which can solve real
world problems.



Innosphere Empire

Estimate height of a person



A forensic expert wants to estimate the height of a corpse.



Innosphere Empire

Estimate height of a person

Height of a person can be estimated using the person's **thigh bones** (femur).



Innosphere Empire

Height of male

$$\text{Height} = (2.32 \times \text{femur in cm}) + 65.53$$

➡ It is a **FUNCTION**



Height of female

$$\text{Height} = (2.47 \times \text{femur in cm}) + 54.10$$

➡ It is a **FUNCTION**

It is a mathematical model



Estimation of height using thigh bones - Google Search
(6/2/2026)



Innosphere Empire

Oil Consumption Rate of Usage of Fuel (C)

$$C = \frac{\text{Distance Travelled}}{\text{Volume of Oil used}}$$

➡ It is a **FUNCTION**

It is a mathematical model



Innosphere Empire

Oil Consumption Rate of Usage of Fuel (C)

$$C = \frac{100 \text{ km}}{5 \text{ litres}} = 20 \text{ km/l}$$



Innosphere Empire

Thank You!

CONNECT WITH US NOW

Scan below to WhatsApp us or visit our website



Whatsapp us



Visit our website

EDUCATION and ENTERTAINMENT and EMPIRE (E³)