Rearranging Formulae

Metric units: S1

The volume V of a cone is calculated using the formula $V = \frac{1}{3} \pi r^2 h$, where r is the radius and h is 1) the height of the cone. Rearrange the formula, to make radius(r) the subject.

The volume and height of a cone are 84π mm³ and 7 mm respectively. Find the radius of the cone.

The formula to find 2) time taken to cove

PREVIEW

tal distance and t is the rmula.

mine the distance

Frank drove his car covered by Frank.

Gain complete access to the largest

collection of worksheets in all subjects!

The perimeter P of 3) length and width o

Find the length of

Members, please Not a member? Please sign up to download this gain complete worksheet. access.

www.mathworksheets4kids.com

w), where I and w are the th(I) the subject.

3 cm.

The force F of an object is calculated by multiplying its mass 'm' with acceleration 'a'. Rearrange 4) the formula F = ma to make mass(m) the subject.

log in to

Determine the mass of an object, if it requires a force of 6,000 kg·m/s² to accelerate at the rate of 2 m/s^2 .