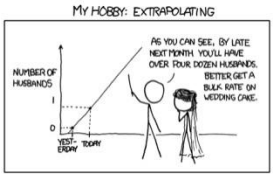
Week 09
Term 04
2013

Learning Brief

GM2
Travel, Statistics and Trigonometry

Goals



Unit Goals: To find Perimeters areas and volumes of real shapes

Apply in Real world situations

In this brief we are looking at:
Areas of Triangles
Prism construction

Theoretical Components

Prevoc Maths Book 2 is used again this week

READ p143 of the text on Triangle Area
Make notes on Example 4 p143 $\boldsymbol{Area} = \frac{1}{2}\boldsymbol{b} \times \boldsymbol{h}$
DO Practical WS 7.3 now

Reminder – Area of a Triangle
Have a look at this link to refresh your memory:
http://www.youtube.com/watch?v=pf-eCpgpYZY

READ p144 and make notes in your workbook on how to construct a prism.
DO Practical WS 7.4 Q 1,2,3 now

DO Matching Exercise WS 7.5 p146 on Prisms now

Practical Components

WE USE PREVOC MATHS 2 THIS WEEK, MAKE SURE YOU LOOK AT THE RIGHT BOOK.

Do WS 7.3 from the Pre-Vocational 2 Textbook on Area of Triangles – p143.

Do WS 7.4 **Question 1 only** in the Pre-Vocational 2 Textbook on Prisms – p145.

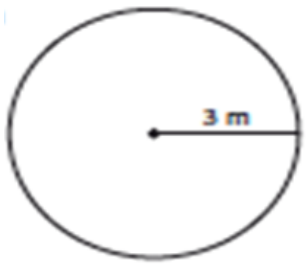
Do WS 7.5 in the Pre-Vocational 2 Textbook on Matching prisms. P146

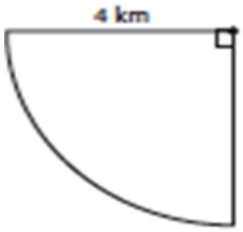
Q/F/O

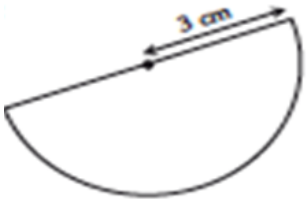
Discuss ratios that you have come across outside the classroom.eg Mortar is mixed from 1 part cement to 4 parts sand or 1:4 (Try not to repeat others' posts BE ORIGINAL!)

Investigation

1. Find the Perimeters and areas of these shapes. Answer correct to 2 decimal places.



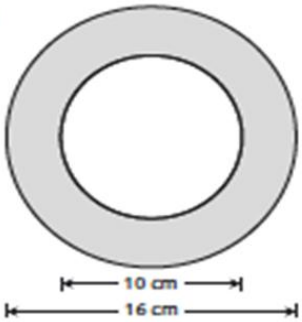




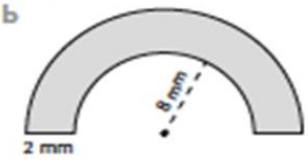
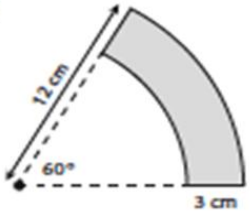
2.

Calculate the shaded area in each figure. Answer correct to 2 decimal places.

a



b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