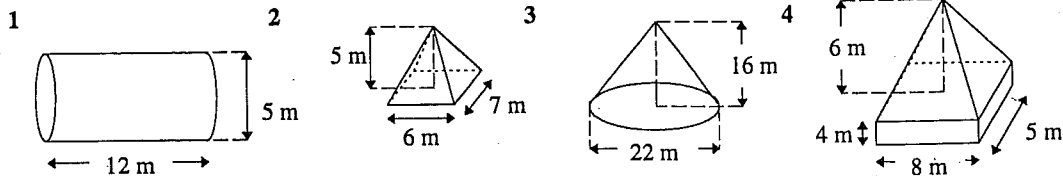


Revision & Practice Worksheet 26

A Measurement: Volume of solids with straight sides

Find the volume of these solids:



B Measurement: Working with time

- Joe's pay rate is \$11.25 per hour. Calculate his pay from this time record. (Overtime is $1\frac{1}{2}$ times pay rate, double overtime is 2 times the pay rate).

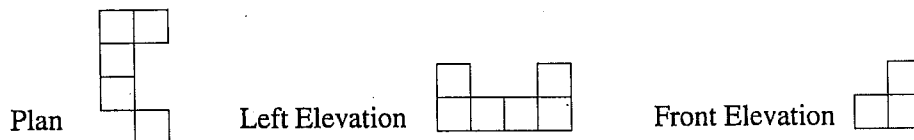
Monday – 3 hours at ordinary rate	Friday – 6 hours overtime
Tuesday – no work	Saturday – $2\frac{1}{2}$ hours doubletime
Wednesday – no work	Sunday – $1\frac{1}{3}$ hours overtime
Thursday – 4 hours doubletime	
- If tax is charged at the rate of $12\frac{1}{2}\%$ find Joe's take home pay for the week.

C Geometry: Tessellations

- Draw a section of a tessellating pattern made up only of hexagons.
- Draw a small section of the semi-regular tessellation with the code of (3, 3, 4, 3, 4).
- Complete the "Escher shifts" to produce a tessellating shape and draw a section of the pattern:

D Geometry: Drawing diagrams of solids

Make an isometric drawing to represent the structure shown in this plan and elevation diagram. Shade the diagram to highlight its three-dimensional structure.

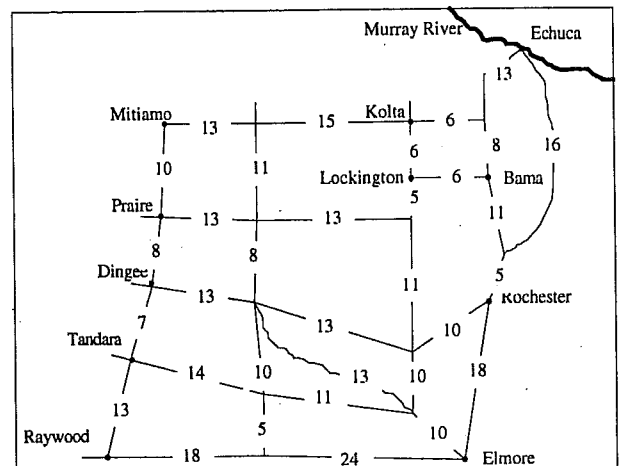


E Geometry: Network diagrams

- Draw a network diagram in which

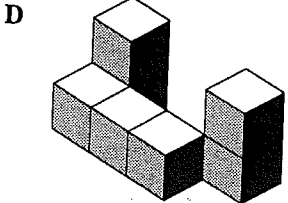
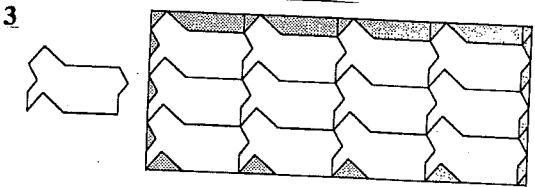
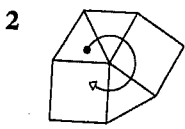
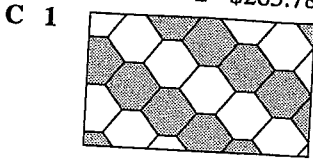
A is joined to B and C	B is joined to A	C is joined to A, D and E
D is joined to C and E	E is joined to C, D, G and H	G is joined to E and H
H is joined to E		
 - Use the diagram from (a) to find three different pathways from C to H if paths can't be used twice.

- Trace on this map the shortest route from:
 - Dingee to Echuca and
 - Elmore to Dingee to Rochester, without using the same road twice.



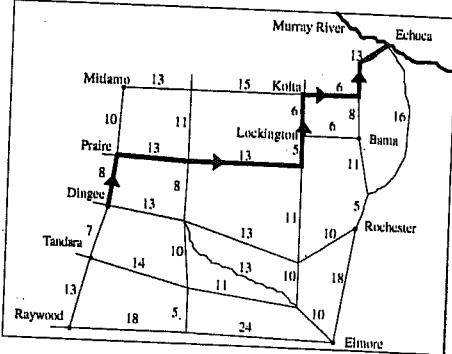
Worksheet 26

- A 1 235.5 m^3 2 70 m^3 3 2027.4 m^3 4 240 m^3
 B 1 \$303.75 2 \$265.78



- E 1
- 2 CEH, CEGH, CDEH, CDEGH

3 64 km



4 88 km

