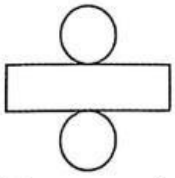
GERAK GEMPUR 6

Bentuk Geometri Tiga Dimensi
Three-Dimensional Geometrical Shapes

BAHAGIAN A

1.

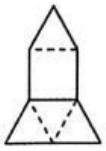


Apakah pepejal geometri yang dibentuk daripada bentangan di atas?
What is the geometric solid formed from the above net?

A Kuboid *Cuboid*
B Piramid *Pyramid*
C Kon *Cone*
D Silinder *Cylinder*

2. Antara berikut, yang manakah **bukan** bentangan bagi piramid?
Which of the following is **not** *the net of a pyramid?*

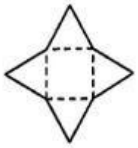
A



B

C

D



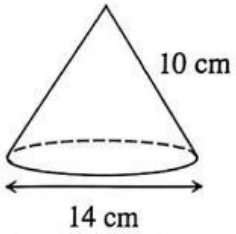
3.

> Sebuah bentuk mempunyai tapak berbentuk bulatan dan satu bucu.
> *A shape has a circular base and a vertex.*

Apakah bentuk geometri itu?
What is the geometrical shape?

A Prisma *Prism*
B Kon *Cone*
C Sfera *Sphere*
D Silinder *Cylinder*

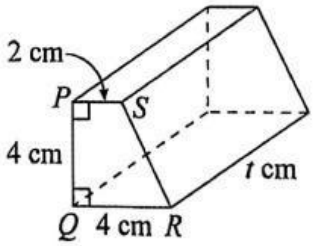
4. Rajah di bawah menunjukkan sebuah kon.
The diagram shows a cone.



Cari jumlah luas permukaan, dalam cm^2, kon itu.
Find the total surface area, in cm^2, *of the cone.*

A 374
B 748
C 1 122
D 1 540

5. Rajah di bawah menunjukkan sebuah prisma tegak dengan *PQRS* sebagai keratan rentas seragamnya.
The diagram shows a right prism with PQRS as its uniform cross section.



Diberi isi padunya ialah 96 cm^3. Cari nilai *t*.
Given its volume is 96 cm^3. *Find the value of t.*

A 6
B 8
C 12
D 16

6. Sebuah silinder tegak mempunyai isi padu 2 816 cm^3 dan tinggi 14 cm. Cari jejari, dalam cm, tapak silinder itu.
A right cylinder has a volume of 2 816 cm^3 *and a height of* 14 cm. *Find the radius, in* cm, *of the cylinder base.*

A 8
B 9
C 10
D 11

LIVEWORKSHEETS