A Bahagian A

Objektif Aneka Pilihan (OAP)

Jawab semua soalan.
Answer all question.

1 Rajah di bawah menunjukkan sebuah jam.
The diagram below shows a clock.

Nyatakan lokus bagi jarum minit.
State the locus of the minutes hand.

BT m.s. 202 | OMG m.s. 136 DSKP 8.1a, TP1 | ARAS : R

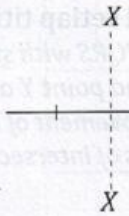
A Bulatan/ *A circle*
B Lengkung/ *A curve*
C Pepenjuru/ *A diagonal*
D Garis lurus/ *A straight line*

2 Antara berikut, yang manakah menunjukkan lokus bagi seorang budak, *X* pada buaian yang berayun?
Which of the following shows the locus of a boy, on a moving swing?

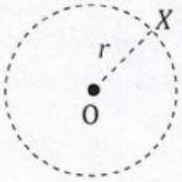
BT m.s. 202 | OMG m.s. 136 DSKP 8.1a, TP1 | ARAS : R

A

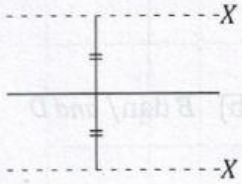
C



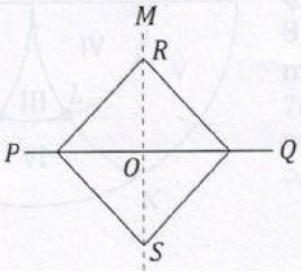
B



D



3 Dalam rajah di bawah, *MN* ialah lokus bagi satu titik yang bergerak dengan keadaan sentiasa sama dari *P* dan *Q*.
In the diagram below, MN is the locus of a moving point such that always equidistant from P and Q.

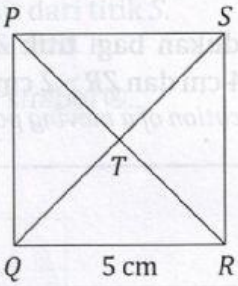


Antara berikut, yang manakah **tidak** benar?
Which of the following is **not** *true?*

BT m.s. 207 | OMG m.s. 139 DSKP 8.2a, TP3 | ARAS : R

A $PR = PS$
B $RS = PQ$
C $RO = OS$
D $PO = OQ$

4 Rajah di bawah menunjukkan sebuah segi empat sama, *PQRS*.
The diagram below shows a square PQRS.

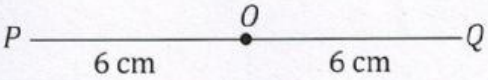


Lokus bagi satu titik yang bergerak 5 cm dari *PS* ialah
The locus of a moving point at 5 cm from PS is

BT m.s. 207 | OMG m.s. 139 DSKP 8.2a, TP3 | ARAS : R

A *RS*
B *PQ*
C *QR*
D *PR*

5 Rajah di bawah menunjukkan satu garis lurus *PQ* dan *O* ialah titik tengah *PQ*. Lokus bagi titik *X* ialah bergerak 4 cm dari *O* dan lokus bagi titik *Y* ialah bergerak 3 cm dari garis *PQ*.
The diagram below shows a straight line PQ and O is the midpoint of PQ. The locus of point X is moving at 4 cm from O and the locus of Y is moving at 3 cm from the line PQ.



Berapakah bilangan titik persilangan antara lokus *X* dan *Y*?
How many points of intersection between loci X and Y?

BT m.s. 214 | OMG m.s. 141 DSKP 8.2c, TP4 | ARAS : R

A 1
B 2
C 3
D 4

LIVEWORKSHEETS