

REVISION 11.1
Section A (20 marks)

Answer all questions
Jawab semua soalan

Instruction : For Section A, choose only **one** answer. Circle your answer on the answer sheet provided.

Arahan : Bagi Bahagian A, pilih **satu** jawapan sahaja. Bulatkan jawapan anda pada kertas jawapan yang disediakan.

1. State the prime factors of 28.
Nyatakan faktor perdana bagi 28.

A 1, 2, 7
B 2, 7

C 2, 4, 7
D 4, 14

2. Arrange the integers -12, -7, 4, 20, -1 and 10 in descending order.

Susun integer -12, -7, 4, 20, -1 dan 10 dalam tertib menurun.

A 20, 10, 4, -12, -7, -1
B -12, -7, -1, 4, 10, 20

C 20, 10, 4, -1, -7, -12
D -1, -7, -12, 4, 10, 20

3. Which of the following fractions has the largest value?
Antara pecahan berikut, yang manakah mempunyai nilai terbesar?

A $\frac{3}{5}$

C $\frac{7}{8}$

B $\frac{11}{12}$

D $\frac{13}{15}$

4. Expand :
Kembangkan :

$$3(4 + k)$$

A $4 + 3k$
B $12 + k$

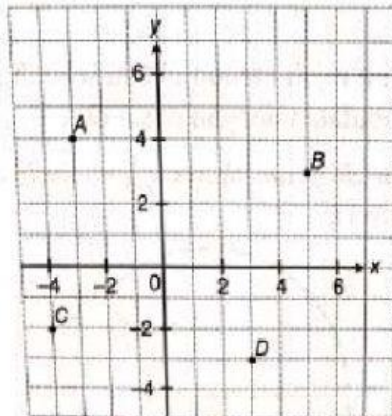
C $7 + 3k$
D $12 + 3k$

5. 80 km/h means distance travel in 1 hour is _____ km.
80 km/j bermaksud jarak yang dilalui dalam masa 1 jam ialah _____ km.

A 1
B 10

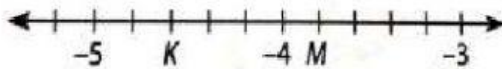
C 8
D 80

6. In the diagram shows four points on a Cartesian plane.
Dalam rajah menunjukkan empat titik pada satah Cartes.



Which of the point **A**, **B**, **C** or **D** represent $(3, -3)$?
*Antara titik **A**, **B**, **C** atau **D** yang manakah mewakili $(3, -3)$?*

7. Diagram shows a number line.
Rajah menunjukkan satu garis nombor.



Find the value of $K + M$.
Cari nilai $K + M$.

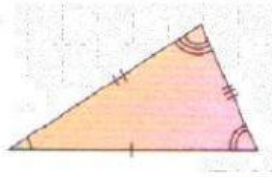
- | | | | |
|----------|-------|----------|-------|
| A | - 8.4 | C | - 8.2 |
| B | - 7.8 | D | - 7.6 |
8. Which of the following is a perfect square?
Antara berikut, yang manakah merupakan kuasa dua sempurna?

- | | | | |
|----------|-----------------|----------|----------------|
| A | - 9 | C | $\frac{1}{15}$ |
| B | $\frac{13}{25}$ | D | 121 |

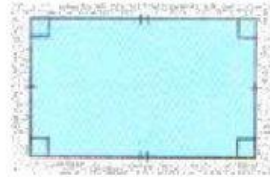
9. Which of the following is regular polygon?

Antara rajah berikut, yang manakah merupakan sebuah poligon sekata?

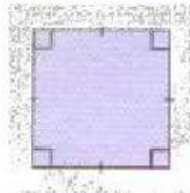
A



C



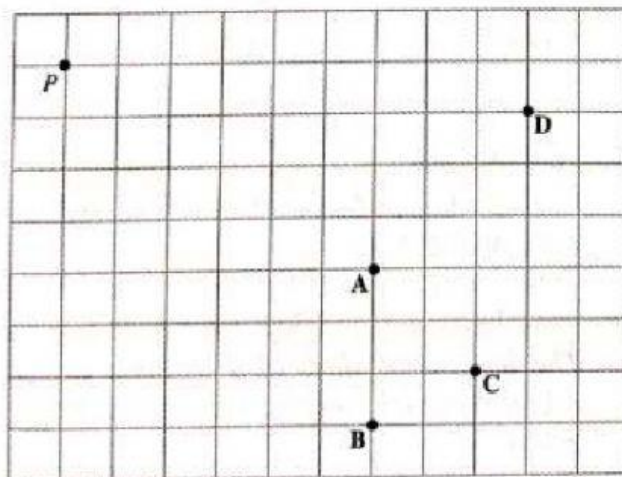
B



D



10. The diagram shows five points, P, A, B, C and D, drawn on a square grid with sides of 1 unit.
Rajah di bawah menunjukkan lima titik, P, A, B, C dan D, yang dilukis pada grid segi empat sama dengan panjang sisi 1 unit.



Which of the points A, B, C and D is 10 units from the point P?

Antara titik A, B, C and D, yang manakah berada 10 unit dari titik P?

11. Given that equation of straight line AB is $y = 4x + 8$ and $x = -2$
Diberi persamaan garis lurus AB ialah $y = 4x + 8$ dan $x = -2$

Find the value y
Cari nilai y

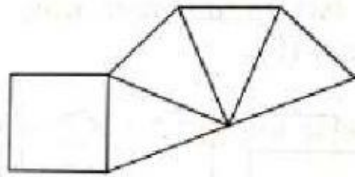
A 0

C 3

B 2

D 4

12. The diagram shows the net of a solid.
Rajah di bawah menunjukkan bentangan sebuah pepejal.



Name the solid.
Namakan pepejal itu.

- A** Pyramid with equilateral triangle base.
Piramid bertapak segi tiga sama sisi.
- B** Pyramid with isosceles triangle base.
Piramid bertapak segi tiga sama kaki.
- C** Pyramid with square base.
Piramid bertapak segi empat sama.
- D** Pyramid with rectangular base.
Piramid bertapak segi empat tepat.
13. Which of the following shows the transformation?
Antara berikut, yang manakah menunjukkan transformasi?

