BAB 2

Faktor dan Gandaan
Factors and Multiples

Bahagian A / *Section A*

2.1 Faktor, Faktor Perdana dan Faktor Sepunya Terbesar (FSTB)
Factors, Prime Factors and Highest Common Factor (HCF)

1 Antara yang berikut, yang manakah **bukan** faktor bagi 27?
Which of the following is **not** *a factor of 27?*
A 9
B 7
C 3
D 1

2 Nyatakan faktor perdana bagi 18.
State the prime factor of 18.
A 2, 3
B 1, 2, 3
C 1, 2, 3, 6, 9
D 1, 2, 3, 6, 9, 18

3 Apakah faktor perdana bagi 120?
What are the prime factors of 120?
A $2 \times 3 \times 4 \times 5$
B $1 \times 2 \times 3 \times 4 \times 5$
C $2 \times 2 \times 2 \times 3 \times 5$
D $1 \times 2 \times 2 \times 2 \times 3 \times 5$

4 Senaraikan faktor sepunya bagi 12, 36 dan 72.
List all the common factors for 12, 36 and 72.
A 1, 2, 3
B 1, 2, 3, 4
C 1, 2, 3, 4, 6
D 1, 2, 3, 4, 6, 12

5 Apakah FSTB bagi 21, 42 dan 70?
What is the HCF of 21, 42 and 70?
A 3
B 5
C 7
D 9

2.2 Gandaan, Gandaan Sepunya dan Gandaan Sepunya Terkecil (GSTK)
Multiples, Common Multiples and Lowest Common Multiple (LCM)

6 Antara yang berikut, yang manakah **bukan** gandaan sepunya bagi 12, 48 dan 72?
Which of the following is **not** *a common multiple of 12, 48 and 72?*
A 3
B 4
C 8
D 12

7 Apakah GSTK bagi 4, 18 dan 54?
What is the LCM of 4, 18 and 54?
A 54
B 72
C 108
D 216

8 Apakah nombor terkecil yang boleh dibahagi tepat dengan 18 dan 60?
What is the smallest number that can be divided exactly by 18 and 60?
A 6
B 18
C 120
D 180

9 Air mineral berisi padu 250 mℓ dijual sebanyak 24 botol sekotak dan air mineral berisi padu 500 mℓ dijual sebanyak 16 botol sekotak. Adura ingin membeli bilangan botol air mineral yang sama bagi kedua-dua jenis air mineral itu untuk jamuan hari jadi anaknya. Berapakah bilangan botol yang paling minimum bagi setiap jenis air mineral yang perlu dibeli oleh Adura?
Mineral water with a volume of 250 mℓ is sold in boxes of 24 bottles each and mineral water with a volume of 500 mℓ is sold in boxes of 16 bottles each. Adura wants to buy the same number of bottles of mineral water for both types of mineral water for her son's birthday party. What is the minimum number of bottles of each type of mineral water that Adura should buy?
A 48
B 40
C 32
D 24

10 Antara pasangan nombor berikut, yang manakah mempunyai FSTB 8 dan GSTK 80?
Which of the following pairs of numbers has a HCF of 8 and a LCM of 80?
A 2 dan/*and* 20
B 4 dan/*and* 40
C 8 dan/*and* 80
D 8 dan/*and* 10

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