

1. Four students average age 15, together with their class teacher, the average age becomes 18. Find the age of the teacher.
2. A car travel 280km in three hours, then take a break in two hour, and continue the journey for 200km in another five hours. Find average speed in whole journey.
3. Given a car spend 50L petrol in traveling 450km, how far can the car travel if 75L petrol are given? How much petrol used in traveling 9000km
4. In school final examination, a student get an average mark of 74 for 6 subjects, after added a new subject, the average marks become 76, what is the mark the student get for the new subject?
5. The total distance for a trip to Ipoh is 200km, Siew Mei begin the journey with  $40\text{km h}^{-1}$  speed for 120km and continue with  $60\text{km h}^{-1}$  for the remaining journey. What is the total time taken for the whole journey?
6. A, B, C three persons will attend a meeting for every 6 months, 4 months and 3 months respectively, if the latest time they met was January, 1997, when will be the next time they can attend the meeting together?
7. If a box of chocolate share with 12, 15, 18 or 24 children will have a left out of 10 pieces, how many chocolates in the box?
8. What is the number if the multiplication of a number's  $\frac{1}{6}$  and  $\frac{1}{8}$  is 12 ?
9. A story book with 216 pages. Meng finished  $\frac{1}{9}$  in the first day, left  $\frac{1}{4}$  in the second day, which page should him start in the third day?
10. Someone at first spend his  $\frac{3}{7}$  savings, he is then spend the remaining  $\frac{2}{5}$ , the savings left RM 97, how much is his total savings?
11. A packet of sweets can be distributed evenly to 15 persons, 20 persons or 25 persons, find the least number of sweets in the packet.

12. Find the greatest natural number such that the remainder is 6 when it divides 90, 146 and 230.
13. Find the smallest number such that the remainder is always 2 when it is divided by 10, 15 and 18.
14. John, Peter and Paul were each given a piece of string of equal length. They wish to cut their strings into substrings of equal length of 2m, 3m and 5m respectively without any remainder string. Find the least length of string which can be given to them.
15. When a regiment of soldiers are counted using groups of three, five or seven, the remainder is 2, what would be the last number of soldiers which has this property? IF there are about 3000 soldiers, find the actual number of soldiers
16. Find the common factors of 18 and 30
17. A cardboard of length 15cm and breadth 12 cm is to be cut into squares of equal sizes with no paper left over. What is the largest length of side of the square?
18. Find the smallest number such that a remainder of 1 is obtained when it is divided by either 14, 16 or 28
19. There is an annual general meeting every four year held in Kuala Lumpur, and shareholder meeting every 6 year once. If both meeting had done in 1980 at KL, when will both meeting happen once again in KL?
20. Find the largest natural number can divide 48 and 80 completely
21. The remainder for natural number greater than 1 after dividing 14,16 and 28 is 1, what is the possible least number for this natural number?
22. A school has 858 boys and 702 girls, total number of students are group into few small groups and each group has the same
23. Juno wish to use some 24cm long, 16m width rectangle cards to form a large square, find the least length for the square.
24. A rope can cut equally into each pieces 3m, 5m or 9 m without remaining portion, find the shortest length for the rope can it be.

25. There are 36 oranges, 48 apples and put them into few baskets, find the maximum number of basket can fit if the number of oranges and apples are same in all baskets.

26. Mother wish to use some 90 cm long, 80 cm width cloths and cut into small equal sized squares, find the length for smallest possible square can she cut.

27. A natural number lie between 200 and 300, when it divided with 7 and 11, the remainder for both are 2. Find the natural number.

28. In a class of students, if group the students in 3,5 or 7 per group, there will be 2 students left, what is the minimum number of students for the class, if the total number of students less than 500, find the maximum possible number of students

29. Fill in a number is 4813 \_\_ , so that this number can completely divide by following numbers

2,3,4,5,8,9,11,12

30. Number 41\_\_3 can completely divided by 3, and number 2\_\_68 cannot divide completely by 8. Find the number if both number are same number.