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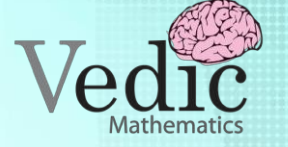
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VEDIC Mathematics

1) The average of three numbers is 28, the first number is half of the second, the third number is twice the second, then the third number is
a) 24 b) 18 c) 48 d) 36

2) Of the three numbers, the first is twice the second and the second is thrice the third. If the average of the three numbers is 10, the largest number is :
a) 18 b) 30 c) 12 d) 15

3) Of the three numbers whose average is 60, the first is one fourth of the sum of the others. The first number is :
a) 42 b) 45 c) 30 d) 36

4) Among three numbers, the first is twice the second and thrice the third. If the average of the three numbers is 49.5, then the difference between the first and the third number is
a) 39.5 b) 41.5 c) 54 d) 28

5) Of the three numbers, the first is twice the second and the second is 3 times the third. If their average is 100, the largest of the three numbers is :
a) 180 b) 300 c) 120 d) 150

6) Of the three numbers, the first is 3 times the second and the third is 5 times the first. If the average of the three numbers is 57, the difference between the largest and the smallest number is
a) 126 b) 135 c) 9 d) 18

7) If the arithmetic mean of 3a and 4b is greater than 50, and a is twice b, then the smallest possible integer value of a is
a) 21 b) 19 c) 20 d) 18

8) Of the three numbers, the first number is twice of the second and the second is thrice of the third number. If the average of these 3 numbers is 20, then the sum of the largest and smallest numbers is
a) 54 b) 60 c) 24 d) 42

9) The average of first three numbers is thrice the fourth number. If the average of all the four numbers is 5, then find the fourth number.
a) 2 b) 4 c) 4.5 d) 5

10) Out of 4 numbers, whose average is 60, the first one is one fourth of the sum of the last three. The first number is
a) 48 b) 60 c) 15 d) 45

11) Out of three numbers, the first is twice the second and is half of the third. If the average of the three numbers is 56, then difference of first and third number is
a) 24 b) 48 c) 12 d) 20

12) The average of three numbers is 77. The first number is twice the second and the second number is twice the third. The first number is :
a) 77 b) 132 c) 33 d) 66

13) The average of three numbers is 40. The first number is twice the second and the second one is thrice the third number. The difference between the largest and the smallest numbers is
a) 46 b) 60 c) 30 d) 36

14) Among three numbers, second is twice the first and also thrice the third. If the average of the three numbers is 33, then the largest number is :
a) 62 b) 72 c) 36 d) 54

15) The average of first three numbers is double of the fourth number. If the average of all the four numbers is 12, find the 4th number.
a) 20 b) $\frac{18}{7}$ c) 16 d) $\frac{48}{7}$

16) Of three numbers, the first is 4 times the second and 3 times the third. If the average of all the three numbers is 95, what is the third number ?

a) 130   b) 57   c) 76   d) 60

17) Of the three numbers, second is twice the first and also thrice the third. If the average of the three numbers is 44, the largest number is:
a) 36   b) 108   c) 24   d) 72

18) Of the three numbers, first is twice the second and second is twice the third. The average of three numbers is 21. The smallest of the three numbers is
a) 12   b) 18   c) 9   d) 6