

REVISION QUESTIONS CHAPTER 03: CLASS VI

- Write all the factors of the following numbers : (a) 24 (b) 15 (c) 21 (d) 27
- Write first five multiples of : (a) 5 (b) 8 (c) 9
- Express the following as the sum of two odd primes. (a) 44 (b) 36
- Express each of the following numbers as the sum of three odd primes:
(a) 21 (b) 31 (c) 53 (d) 61
- Test the divisibility of the following number by 2: (i) 6520 (ii) 1245
- Test the divisibility of the following number by 3: (i) 70335 (ii) 607439
- Test the divisibility of the following number by 6: (i) 7020 (ii) 56423
- Test the divisibility of the following number by 4: (i) 786532 (ii) 1020530
- Test the divisibility of the following number by 8: (i) 8364 (ii) 7314
- Test the divisibility of the following number by 9: (i) 187245 (ii) 547218
- Test the divisibility of the following number by 11: (i) 5335 (ii) 70169803
- Find the common factors of 75, 60 and 210.
- Find the common multiples of 3, 4 and 9.
- Find the prime factorisation of 980.
- Write the greatest 4-digit number and express it in terms of its prime factors.
- Write the smallest 5-digit number and express it in the form of its prime factors.
- Find the HCF of the following: (i) 15, 25 and 30 (ii) 12, 16 and 28
- Find the LCM of (i) 12 and 18. (ii) 40, 48 and 45. (iii) 20, 25 and 30.
- Two tankers contain 850 litres and 680 litres of kerosene oil respectively. Find the maximum capacity of a container which can measure the kerosene oil of both the tankers when used an exact number of times.
- In a morning walk, three persons step off together. Their steps measure 80 cm, 85 cm and 90 cm respectively. What is the minimum distance each should walk so that all can cover the same distance in complete steps?
- Find the least number which when divided by 6, 15 and 18 leave remainder 5 in each case.
- Find the smallest 4-digit number which is divisible by 18, 24 and 32.
- The length, breadth and height of a room are 825 cm, 675 cm and 450 cm respectively. Find the longest tape which can measure the three dimensions of the room exactly.
- The traffic lights at three different road crossings change after every 48 seconds, 72 seconds and 108 seconds respectively. If they change simultaneously at 7 a.m., at what time will they change simultaneously again?

REVISION QUESTIONS CHAPTER 06: CLASS VI

- Write the following numbers with appropriate signs :
(a) 100 m below sea level. (b) 25°C above 0°C temperature.
(c) 15°C below 0°C temperature. (d) any five numbers less than 0.
- Represent the following numbers as integers with appropriate signs.
(a) An aeroplane is flying at a height two thousand metre above the ground.
(b) A submarine is moving at a depth, eight hundred metre below the sea level.
- Represent the following numbers on a number line :
(a) + 5 (b) - 10 (c) + 8 (d) - 1 (e) - 6
- (a) Write four negative integers greater than - 20.
(b) Write four negative integers less than - 10.
- Draw a number line and answer the following :
(a) Which number will we reach if we move 4 numbers to the right of - 2.
(b) Which number will we reach if we move 5 numbers to the left of 1.
(c) If we are at - 8 on the number line, in which direction should we move to reach - 13?
(d) If we are at - 6 on the number line, in which direction should we move to reach - 1?
- Find the answers of the following additions:
(a) (- 11) + (- 12) (b) (+ 10) + (+ 4) (c) (- 32) + (- 25)
- Find the solution of the following:
(a) (- 7) + (+ 8) (b) (- 9) + (+13) (c) (+ 7) + (- 10)
- Find the solution of the following additions using a number line :
(a) (- 2) + 6 (b) (- 6) + 2
- Using the number line, write the integer which is
(a) 4 more than -1 (b) 5 less than 3
- Find the sum of (- 9) + (+ 4) + (- 6) + (+ 3)
- Find the value of (30) + (- 23) + (- 63) + (+ 55)
- Find the sum of (- 10), (92), (84) and (- 15)
- Find the sum of :
(a) 137 and - 354 (b) - 52 and 52
(c) - 312, 39 and 192 (d) - 50, - 200 and 300
- Find the sum : (a) (- 7) + (- 9) + 4 + 16
(b) (37) + (- 2) + (- 65) + (- 8)
- Find: (a) (- 7) - 8 - (- 25) (b) (- 13) + 32 - 8 - 1
(c) (- 7) + (- 8) + (- 90) (d) 50 - (- 40) - (- 2)