

Topic: Factors and Multiples

Object: Understand the concepts of factors and multiples, and apply them in solving problems.

\* Choose the correct answer:

- 1) The number 12 has ... factors. (3 – 4 – 6 – 8)
- 2) The number ... is a multiple of 8 (4 – 12 – 20 – 48)
- 3) The common multiple of all numbers is ... (0 – 1 – 2 – 3)
- 4) The common multiple of 5 and 8 is ... (20 – 30 – 48 – 40)
- 5) The common factor of all numbers is ..... (0 – 1 – 2 – 3)
- 6) The multiples of 2 are ... numbers. (odd – even – prime)
- 7) The even number which is multiple of 3, 4, and 5 together. (60 – 18 – 28 – 12)
- 8) ... is not a factor of 36. (3 – 18 – 8 – 9)

\* Find:

- 9) The least common multiple of 6 and 8. 24
- 10) The factors of 12 1,2,3,4,6,12
- 12) The GCF of 21 and 35 7
- 13) The first 4 multiples of 5 0, 5, 10, 15, 20
- 14) The GCF of 12, 16, and 18 2
- 15) An even number between 40 and 60 and has 10 factors. 48

