

## Multiples & Factors – 1

1. Which set of numbers are divisible by both 3 and 5?

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|---------------------|---------------------|
| a) 240, 600 and 755 | b) 230, 500 and 655 |
| c) 330, 420 and 705 | d) None of these    |

2. What are the prime factors of 216?

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|--|---|
| a) $2 \times 2 \times 3 \times 3 \times 3$ | b) $2 \times 2 \times 2 \times 3 \times 3 \times 3$ |
| c) $2 \times 2 \times 2 \times 3 \times 3$ | d) None of these                                    |

3. Find the LCM of 45 and 60?

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|--------|------------------|
| a) 180 | b) 150           |
| c) 160 | d) None of these |

4. Find the HCF of 25 and 70?

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| a) 25   | b) 70 |
| c) 1750 | d) 5  |

5. All prime numbers are not coprime numbers. True / False

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| a) True | b) False |
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6. 1 is a prime number. True / False

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| a) True | b) False |
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7. \_\_\_\_\_ number is neither prime nor composite number.

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|------|------------------|
| a) 0 | b) 2             |
| c) 1 | d) None of these |

8. Every prime number is odd except \_\_\_\_\_.

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| a) 0 | b) 1             |
| c) 2 | d) None of these |

9. What are three multiples of 452?

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| a) 452, 904 and 1365 | b) 452, 904 and 1356 |
| c) 452, 940 and 1356 | d) None of these     |

10. What are three common multiples of 100 and 150?

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|---------------------|---------------------|
| a) 300, 600 and 900 | b) 100, 300 and 600 |
| c) 300, 450 and 600 | d) None of these    |