**Prime/Composite numbers/Prime factors**

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| --- | --- | --- |
| Name : | Class : | Date : |

|  |  |  |
| --- | --- | --- |
| Mark : | /8 | % |

|  |  |
| --- | --- |
| **1)** Is 8 a prime number?     .........      | [1]   |
| **2)** Is 17 a composite number?     .........      | [1]   |
| **3)** Is 25 a prime number?     .........      | [1]   |
| **4)** Is 31 a composite number?     .........      | [1]   |
| **5)** List all the prime numbers less than 20           .................. | [1]   |
| **6)** Show the following number as a product of its prime factors      9     ...      | [1]   |
| **7)** Show the following number as a product of its prime factors      34     ...      | [1]   |
| **8)** Show the following number as a product of its prime factors      42     ...      | [1]   |

**Solutions for the assessment Prime/Composite numbers/Prime factors**

|  |  |
| --- | --- |
| **1)** no | **2)** no |
| **3)** no | **4)** no |
| **5)** 2,3,5,7,11,13,17,19 | **6)** 3  $×$ 3 |
| **7)** 2  $×$ 17 | **8)** 2  $×$ 3  $×$ 7 |