**Prime/Composite numbers/Prime factors**

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| Name : | Class : | Date : |

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

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| --- | --- |
| **1)** Is 2 a prime number?     .........      | [1]   |
| **2)** Is 13 a composite number?     .........      | [1]   |
| **3)** Is 33 a prime number?     .........      | [1]   |
| **4)** Is 40 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      6     ...      | [1]   |
| **7)** Show the following number as a product of its prime factors      21     ...      | [1]   |
| **8)** Show the following number as a product of its prime factors      49     ...      | [1]   |

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

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