**Quantity Aptitude**

**Simplification:**

**Squares:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **1 to 10** | **11 to 20** | **21 to 30** | **31 to 40** | **41 to 50** |
| **1² = 1**  **2² = 4**  **3² = 9**  **4² = 16**  **5² = 25**  **6² = 36**  **7² = 49**  **8² = 64**  **9² = 81**  **10² = 100** | **11² = 121**  **12² = 144**  **13² = 169**  **14² = 196**  **15² = 225**  **16² = 256**  **17² = 289**  **18² = 324**  **19² = 361**  **20² = 400** | **21² = 441**  **22² = 484**  **23² = 529**  **24² = 576**  **25² = 625**  **26² = 676**  **27² = 729**  **28² = 784**  **29² = 841**  **30² = 900** | **31² = 961**  **32² = 1024**  **33² = 1089**  **34² = 1156**  **35² = 1225**  **36² = 1296**  **37² = 1369**  **38² = 1444**  **39² = 1521**  **40² = 1600** | **41² = 1681**  **42² = 1764**  **43² = 1849**  **44² = 1936**  **45² = 2025**  **46² = 2116**  **47² = 2209**  **48² = 2304**  **49² = 2401**  **50² = 2500** |

**Cubes:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **1 to 10** | **11 to 20** | **21 to 30** | **31 to 40** | **41 to 50** |
| **1³ = 1**  **2³ = 8**  **3³ = 27**  **4³ = 64**  **5³ = 125**  **6³ = 216**  **7³ = 343**  **8³ = 512**  **9³ = 729**  **10³ = 1000** | **11³ = 1331**  **12³ = 1728**  **13³ = 2197**  **14³ = 2744**  **15³ = 3375**  **16³ = 4096**  **17³ = 4913**  **18³ = 5832**  **19³ = 6859**  **20³ = 8000** | **21³ = 9261**  **22³ = 10648**  **23³ = 12167**  **24³ = 13824**  **25³ = 15625**  **26³ = 17576**  **27³ = 19683**  **28³ = 21952**  **29³ = 24389**  **30³ = 27000** | **31³ = 29791**  **32³ = 32768**  **33³ = 35937**  **34³ = 39304**  **35³ = 42875**  **36³ = 46656**  **37³ = 50653**  **38³ = 54872**  **39³ = 59319**  **40³ = 64000** | **41³ = 68921**  **42³ = 74088**  **43³ = 79507**  **44³ = 85184**  **45³ = 91125**  **46³ = 97336**  **47³ = 103823**  **48³ = 110592**  **49³ = 117649**  **50³ = 125000** |