**Limits of Accuracy - Basics**

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| Name : | Class : | Date : |

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| Mark : | /12 | % |

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| **1)** The number 55 has been rounded to the nearest unit. Find its lower and upper bounds. | [1] |
| **2)** The number 66 has been rounded to the nearest integer. Find its lower and upper bounds. | [1] |
| **3)** The number 76 has been rounded to the nearest integer. Find its lower and upper bounds. | [1] |
| **4)** The number 800 has been rounded to the nearest 100. Find its lower and upper bounds. | [1] |
| **5)** The number 10000 has been rounded to the nearest 1000. Find its lower and upper bounds. | [1] |
| **6)** The number 500 has been rounded to the nearest 100. Find its lower and upper bounds. | [1] |
| **7)** The number 25.3 has been rounded to the nearest 1 decimal place. Find its lower and upper bounds. | [1] |
| **8)** The number 82.8 has been rounded to the nearest 1 decimal place. Find its lower and upper bounds. | [1] |
| **9)** The number 99.2 has been rounded to the nearest tenth. Find its lower and upper bounds. | [1] |
| **10)** The number 60 has been rounded to 1 significant figure. Find its lower and upper bounds. | [1] |
| **11)** The number 50 has been rounded to 1 significant figure. Find its lower and upper bounds. | [1] |
| **12)** The number 800 has been rounded to 1 significant figure. Find its lower and upper bounds. | [1] |

**Solutions for the assessment Limits of Accuracy - Basics**

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| **1)** 54.5   55   55.5 | **2)** 65.5   66   66.5 |
| **3)** 75.5   76   76.5 | **4)** 750   800   850 |
| **5)** 9500   10000   10500 | **6)** 450   500   550 |
| **7)** 25.25   25.3   25.35 | **8)** 82.75   82.8   82.85 |
| **9)** 99.15   99.2   99.25 | **10)** 55   60   65 |
| **11)** 45   50   55 | **12)** 750   800   850 |