**Estimation - Using 1 Significant Figure**

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| **1)** Estimate the answer by rounding each number to 1 significant figure first       a)     672.23   161.93       b)     454.29   378.22       c)     163.15   1.2 | [7] |
| d)     74.46   7.9       e)     39.83   51.63   38       f)     13.353   0.526 |  |
| g)     113.142   0.219 |  |
| **2)** Estimate the answer by rounding each number to 2 significant figures first       a)     574.42   485.57       b)     687.33   561.27 | [2] |
| **3)** Estimate the answer by rounding the base to 1 significant figure first | [1] |

**Solutions for the assessment Estimation - Using 1 Significant Figure**

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| **1)**  a) 700   200 = 900 Exact answer = 834.16 | b) 500   400 = 100 Exact answer = 76.07 |
| c) 200   1 = 200 Exact answer = 195.78 | d) 70   8 = 8.75 Exact answer = 9.4253164557 |
| e) 40   50   40 = 50 Exact answer = 54.1163921053 | f) 10   0.5 = 10   2 = 5 Exact answer = 7.023678 |
| g) 100   0.2 = 100   5 = 500 Exact answer = 516.630136986 |  |
| **2)**  a) 570   490 = 1060 Exact answer = 1059.99 | b) 690   560 = 130 Exact answer = 126.06 |
| **3)**   = 900 Exact answer = 792.9856 |  |