**Estimation - Using 1 Significant Figure**

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| **1)** Estimate the answer by rounding each number to 1 significant figure first       a)     869.43   361.28       b)     879.32   685.17       c)     77.78   1.1 | [7] |
| d)     54.15   8.2       e)     2.06   8.15   3.81       f)     181.141   0.117 |  |
| g)     116.677   0.521 |  |
| **2)** Estimate the answer by rounding each number to 2 significant figures first       a)     655.37   561.12       b)     551.79   358.43 | [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) 900   400 = 1300 Exact answer = 1230.71 | b) 900   700 = 200 Exact answer = 194.15 |
| c) 80   1 = 80 Exact answer = 85.558 | d) 50   8 = 6.25 Exact answer = 6.60365853659 |
| e) 2   8   4 = 4 Exact answer = 4.40656167979 | f) 200   0.1 = 200   10 = 20 Exact answer = 21.193497 |
| g) 100   0.5 = 100   2 = 200 Exact answer = 223.948176583 |  |
| **2)**  a) 660   560 = 1220 Exact answer = 1216.49 | b) 550   360 = 190 Exact answer = 193.36 |
| **3)**   = 900 Exact answer = 738.2089 |  |