**Estimation - Using 1 Significant Figure**

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| **1)** Estimate the answer by rounding each number to 1 significant figure first       a)     381.55   163.85       b)     472.41   353.72       c)     182.84   8.3 | [7] |
| d)     129.66   1.3       e)     2.19   7.83   4.05       f)     84.674   0.219 |  |
| g)     14.815   0.215 |  |
| **2)** Estimate the answer by rounding each number to 2 significant figures first       a)     859.38   151.97       b)     374.23   281.65 | [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) 400   200 = 600 Exact answer = 545.4 | b) 500   400 = 100 Exact answer = 118.69 |
| c) 200   8 = 1600 Exact answer = 1517.572 | d) 100   1 = 100 Exact answer = 99.7384615385 |
| e) 2   8   4 = 4 Exact answer = 4.234 | f) 80   0.2 = 80   5 = 16 Exact answer = 18.543606 |
| g) 10   0.2 = 10   5 = 50 Exact answer = 68.9069767442 |  |
| **2)**  a) 860   150 = 1010 Exact answer = 1011.35 | b) 370   280 = 90 Exact answer = 92.58 |
| **3)**   = 900 Exact answer = 743.6529 |  |