**Significant Figures Quiz – MAKEUP**

Determine the number of significant figures in each measured value and the precision to which it was measured: (1 pt each space)

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|  | **Number of sig figs** | **Precise to what place?** |
| **0.89 liters** |  |  |
| **3.40 kilograms** |  |  |
| **0.100 grams** |  |  |
| **2900 cm** |  |  |
| **4.50 x 104 Pascals** |  |  |
| **0.0760 seconds** |  |  |

1. Is it always correct to say that measurements that are precise are also accurate? Explain your answer. (5 pt)
2. Why wouldn’t it be correct to determine the weight of my kitten to be 50 kilograms? (3 pt)