**Let’s Estimate Things!**

Write the answers to the following questions using the correct number of significant figures. You should really think about how precise your estimates are! I’m not looking for you to actually measure any of these things using any measuring object. I want you to estimate these values to the best of your ability. Relax: There is no wrong answer for the wrong weight!

1) Many of us have a pet/sibling around the house. Please estimate its weight in pounds. If you don’t have one of the above, estimate the weight of your own foot.

2) Why did you round the weight of your measurement to the amount of significant figures that you selected? What factor was primary in doing this?

3) Estimate the weight of your family member/neighbor’s car to the nearest pound.

4) Why did you round the weight of your measurement to the amount of significant figures that you selected? What factor was primary in doing this?

5) The Carnival Cruise ship *Celebration* is their biggest ship.[[1]](#footnote-2) Without looking online, estimate the mass of this ship to the nearest ton. If you have no idea, say so.

6) Why did you answer #5 the way you did? Explain your reasoning.

1. If it helps, this ship has 17 guest decks and a length of 351 meters. Holding a maximum of 6,500 passengers, it contains a roller coaster and some attraction called “The Golden Mermaid™” I’m sure that’s not a ripoff of anything. [↑](#footnote-ref-2)