**Warm-up Thursday Week 1**

# Warm-up:

The birth weight of newborns is normally distributed with a mean of 3300 grams and a standard deviation of 600 grams.  Make sure your show a sketch of the bell curve.

1.  Estimate the percentage of newborns with birth weights between 2100g and 4500g.

2.  Estimate the percentage of newborns with birth weights less than 2700g.

3.  Estimate the percentage of newborns with birth weights greater than 5100g.

4.  Above what weight would you expect about 16% of the newborn birth weights?

5.  Between what two weights would expect about 99.7% of the newborn birth weights?