

### Optional Breakout Lesson 3:

### *Calculating Averages*

Suppose a state had 200 tornadoes from 1995 to 2004 (a period of 10 years). If you divide the total number of tornadoes (200) by the number of years (10), you will get the average number of tornadoes per year:

$$200 \div 10 = 20 \text{ tornadoes per year}$$

Let's figure out the average number of tornadoes per year for the following states. Round to the nearest ten. Show your math for each state.

1. Texas. Total number of tornadoes over ten years is 1,636. Average number of tornadoes per year
  
  
  
  
  
  
  
  
  
  
2. Louisiana. Total number of tornadoes over ten year is 333. Average number of tornadoes per year
  
  
  
  
  
  
  
  
  
  
3. Michigan. Total number of tornadoes over ten years is 157. Average number of tornadoes per year
  
  
  
  
  
  
  
  
  
  
4. Arizona. Total number of tornadoes over ten years is 40. Average number of tornadoes per year
  
  
  
  
  
  
  
  
  
  
5. New Jersey. Total number of tornadoes over ten years is 25. Average number of tornadoes per year