4.2 Order and Rounding

4.2 Exercise Set, page 261: 1, 5, 13, 21, 254.

Exam 2		stem & leaf		
61	mean			A- 1
21.16995	st.dev	9	7	B - 2
63	median	8	34	C - 3
24	min	7	011	D -2
97	max	6	03	F - 5
13	count	5		
		4	346	
		3	7	
		2	4	

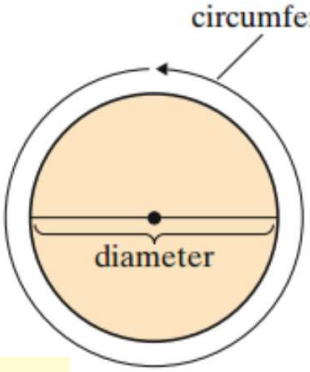
Exam 1		stem & leaf		
68.64286	mean			A- 2
15.1739	st.dev	9	13	B - 2
63	median	8	35	C - 2
45	min	7	27	D -4
93	max	6	1333	F - 4
14	count	5	89	
		4	58	

4.2
Supplied

In Section 4.4, we will introduce a formula for the distance around a circle. The distance around a circle is given the special name **circumference.**

The symbol π is the Greek letter pi, pronounced "pie." We use π to denote the following constant:

$$\pi = \frac{\text{circumference of a circle}}{\text{diameter of a circle}}$$



The value π is an **irrational number.** This means if we try to write it as a decimal, it neither ends nor repeats in a pattern.

50. Mikaela Shiffrin of the U.S. Ski Team took first place in the women's giant slalom in the 2017 FIS World Cup in Squaw Valley, Idaho. Her winning time was 2.278 minutes. Round this time to the nearest hundredth of a minute. (*Source:* International Ski Federation)

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2.278 min

hundredth

$\approx$ 2.28 min

$2.273 \approx 2.26$