

Name: \_\_\_\_\_

1. The prices of paintings sold at a fund raising auction for a school are shown below.

\$38, \$47, \$82, \$65, \$40, \$36, \$76, \$42, \$35, \$67, \$80, \$46, \$35, \$43, \$59, \$52, \$49, \$62, \$68, \$72, \$60, \$53, \$50, \$41, \$70, \$54, \$60

(a) Complete a non-ordered stem-and-leaf plot for this data.

<i>Stem</i>	<i>Leaf</i>

(b) Complete an ordered stem-and-leaf plot for this data.

<i>Stem</i>	<i>Leaf</i>

(c) How many items of artwork were sold?

(d) What was the **largest** amount paid for an item of artwork?

2. The speed (in km/hr) of first serves and second serves of a tennis player during a set were recorded and shown below.

**First serve speeds:**  
186, 175, 162, 178, 189, 158, 182, 156, 168, 166, 180, 177, 158, 159, 187, 170, 169, 172, 163, 160, 158, 152, 175, 169, 181, 179

**Second serve speeds:**  
148, 128, 137, 142, 153, 136, 140, 133, 139, 142, 131, 126, 133, 140, 129, 125, 132, 141

(a) Complete the non-ordered back-to-back stem-and-leaf plot for this data.

<i>First Serve</i>		<i>Second Serve</i>	
<i>Leaf</i>	<i>Stem</i>	<i>Stem</i>	<i>Leaf</i>

(b) Complete the ordered back-to-back stem-and-leaf plot for this data.

<i>First Serve</i>		<i>Second Serve</i>	
<i>Leaf</i>	<i>Stem</i>	<i>Stem</i>	<i>Leaf</i>

(c) What was the speed of the fastest first serve?