MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

Find the mean of the set of numbers.
1) Cans of soup used by a family in a month: 4, 4, 10, 5, 12, 7
   Round your answer to the nearest whole number if necessary.
   A) 5 cans  B) 10 cans  C) 7 cans  D) 6 cans
   1) _______

2) Monthly checking account fees: $17, $11, $8, $14, $4, $1, $4
   Round your answer to the nearest whole number if necessary.
   A) $17  B) $7  C) $2  D) $8
   2) _______

Find the median of the set of numbers.
3) 3, 4, 10, 27, 34, 34, 48
   A) 34  B) 10  C) 27  D) 23
   3) _______

4) 7, 2, 27, 17, 22, 41, 36, 30
   A) 22.5  B) 22  C) 27  D) 24.5
   4) _______

5) Number of phone calls made each day: 8, 8, 27, 16, 24, 41, 34, 34
   A) 25.5 calls  B) 24.5 calls  C) 24 calls  D) 27 calls
   5) _______

Find the mode of the set of numbers.
6) $91, $63, $32, $63, $29, $91
   A) $91, $63  B) $61.50  C) $91  D) $63
   6) _______

7) Ages of parents (in years) at the school: 20, 42, 46, 42, 49, 42, 49
   A) 41.4 years  B) 46 years  C) 42 years  D) 49 years
   7) _______

Find the range of the set of numbers.
8) 0, -8, 2, 1, -2
   A) -10  B) 10  C) -1  D) 2
   8) _______

9) $2\frac{1}{2}, 1\frac{1}{4}, 7\frac{3}{4}, 4, 2\frac{1}{4}$
   A) $2\frac{1}{4}$  B) $7\frac{3}{4}$  C) 2  D) $6\frac{1}{2}$
   9) _______

Solve the problem.
10) The five sales people at Southwest Appliances earned commissions last year of $19,000, $33,000, $49,000, $18,000, and $21,000. Find the average commission.
   A) $26,600  B) $29,400  C) $30,800  D) $28,000
   10) _______
Use the table to solve the problem.

11) The following table gives the area of several lakes in acres.

<table>
<thead>
<tr>
<th>Lake</th>
<th>Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Long Lake</td>
<td>184</td>
</tr>
<tr>
<td>Big Horn Lake</td>
<td>884</td>
</tr>
<tr>
<td>Green Lake</td>
<td>80</td>
</tr>
<tr>
<td>Pokagon Lake</td>
<td>888</td>
</tr>
<tr>
<td>Thomas Lake</td>
<td>181</td>
</tr>
</tbody>
</table>

How many times as large as the smallest lake is the largest lake?
A) 808 times  B) 10 times  C) 11.10 times  D) 0.09 times

12) The following table gives the road distances between various cities.

<table>
<thead>
<tr>
<th>San Pedro</th>
<th>Brownsville</th>
<th>Ashland</th>
<th>Grand Junction</th>
</tr>
</thead>
<tbody>
<tr>
<td>San Pedro</td>
<td>--</td>
<td>81</td>
<td>241</td>
</tr>
<tr>
<td>Brownsville</td>
<td>81</td>
<td>--</td>
<td>160</td>
</tr>
<tr>
<td>Ashland</td>
<td>241</td>
<td>160</td>
<td>--</td>
</tr>
<tr>
<td>Grand Junction</td>
<td>154</td>
<td>73</td>
<td>233</td>
</tr>
</tbody>
</table>

How far is Ashland from Grand Junction?
A) 160 miles  B) 87 miles  C) 233 miles  D) 241 miles

The bar graph below shows the number of students by major in the College of Arts and Sciences. Answer the question.

13) About how many students are in the College of Arts and Sciences?
A) 1050  B) 1225  C) 1325  D) 1250

14) Did twice as many students major in Math as in Science?
A) Yes  B) No
Use the pictograph to answer the question.

15) For selected countries, this pictograph shows approximately how many kilograms of seafood is consumed by each person (per capita) annually.

<table>
<thead>
<tr>
<th>Country</th>
<th>Per Capita Seafood Consumption</th>
</tr>
</thead>
<tbody>
<tr>
<td>Country A</td>
<td>![Pictogram of 6 fish icons]</td>
</tr>
<tr>
<td>Country B</td>
<td>![Pictogram of 3 fish icons]</td>
</tr>
<tr>
<td>Country C</td>
<td>![Pictogram of 4 fish icons]</td>
</tr>
<tr>
<td>Country D</td>
<td>![Pictogram of 5 fish icons]</td>
</tr>
<tr>
<td>Country E</td>
<td>![Pictogram of 7 fish icons]</td>
</tr>
</tbody>
</table>

= 999 kilograms

People in Country D eat approximately what percent more seafood than people in Country C?
A) 50%  
B) 125%  
C) 75%  
D) 25%

Use this graph to answer each question.

Big "D" Sales
1989-1990

16) What was the increase in sales between month 5 and month 6 of 1990?
A) $4  
B) $800  
C) $4000  
D) $8000

17) What were the total sales for the first 6 months of 1990?
A) $286,000  
B) $366,000  
C) $64,000  
D) $302,000