Name: **Key**   Date: _____   Period: _____

3.1 Reading Bar & Line Graphs DAY ONE CYU

CONCEPTS	BASIC	INTERMEDIATE	ADVANCED
Bar Graphs	1 – 6, 17 - 21	1 – 6, 17 - 21	1 – 6, 17 - 21
Line Graphs	7 - 16	7 – 16	7 - 16

1 – 6: The following bar graph shows the top 10 tourist destinations and the number of tourists that visit each destination per year forecasted for 2020.

World Top Tourism Destinations Forecasted for 2020
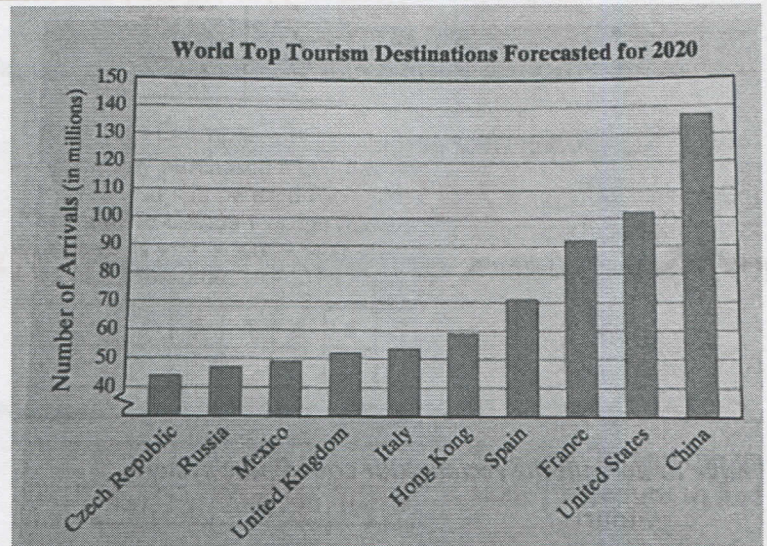
1. Which location shown is predicted to be the most popular tourist destination?

   China

2. Which location shown is predicted to be the least popular tourist destination?

   Czech Rep.

3. Which locations shown are predicted to have more than 70 million tourists per year?

   France, U.S., Spain, China

4. Which locations shown are predicted to have more than 100 million tourists per year?
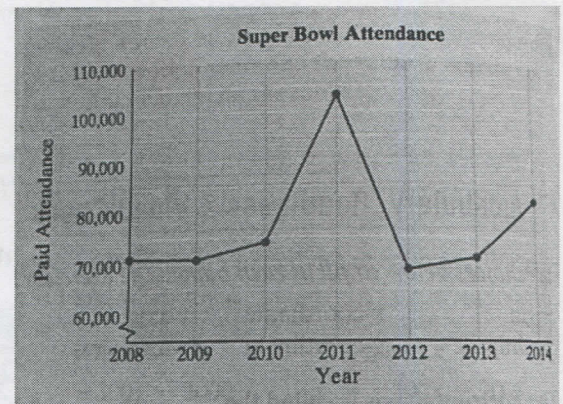
   U.S. & China

5. Estimate the predicted number of tourists per year whose destination is Italy.

   53 million

6. Estimate the predicted number of tourists per year whose destination is Mexico.

   49 million

7 – 10: The following line graph shows the paid attendance at each Super Bowl game from 2008 to 2014.

Super Bowl Attendance

7. Estimate the Super Bowl attendance in 2014.

   82,000 people

8. Estimate the Super Bowl attendance in 2010.

   74,000 people

9. Find the year on the graph with the greatest Super Bowl attendance and approximate that attendance.

   2011; 103,000 people

10. Find the year on the graph with the least Super Bowl attendance and approximate that attendance.

   2012; 69,000 people

11 – 16: The line graph below shows the number of students per teacher in U.S. Public elementary and secondary schools.

11. Approximate the number of students per teacher predicted in 2016.

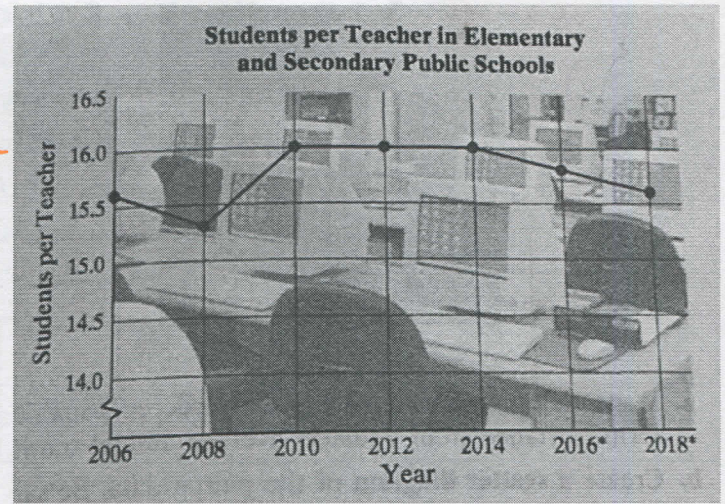   ≈15.8 students per teacher

12. Approximate the number of students per teacher predicted in 2018.

    ≈15.6 students per teacher

13. Between what years shown did the greatest increase in number of students per teacher occur?

    from 2008 to 2010

Students per Teacher in Elementary and Secondary Public Schools

14. What was the first year shown that the number of students per teacher fell below 15.5? 2008

15. During what period was the student per teacher number at 16?

    2010 to 2014

16. Discuss any trends shown by this line graph. answers may vary

17 – 21: Answer the following questions based off the bar graph provided on Dozens of Pets Sold each Month.

17. How many pets were sold in July and February combined? 120 pets

18. How many more pets were sold in February than in June? 84 pets

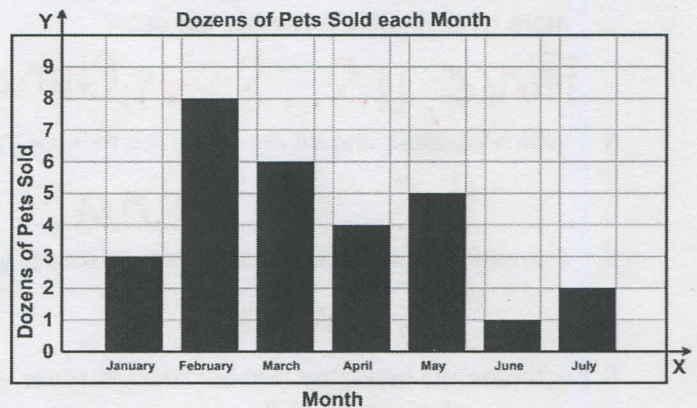19. How many pets were sold in June, May, and January? 108 pets

20. In August, twice the number of pets were sold than in March. How many pets were sold in August? 144 pets

21. Were more pets sold in January or in April?

    April

Dozens of Pets Sold each Month

CYU Reflection: *How far can you go: basic, intermediate, or advanced?*
Rate your mastery level!
How confident are you with the skills this CYU covered? Circle the score you would give yourself.

| 1 2 | 3 4 5 | 6 7 | 8 |
| Basic | Intermediate | Advanced | Solved ALL! |