Word Problem Study Guide For Fractions

1. In 2008, plane fare to Las Vegas on US Air was $280. In 2001, the fare was $3/4$ the fare in 2008. What was the fare in 2001?

2. A computer printer cost $150. In 1 year, that same printer will cost $3/5$ of its current price. How much will it cost in 1 year?

3. How many $5/8$ inch pieces of ribbon can be cut from a piece of ribbon $4 \, 3/8$ inches long?

4. A ½ mile race track is 2640 feet. If a race car is 8 ¼ feet long, how many race cars can you place bumper to bumper around the edge of the track?

5. Two students are taking a math test. After 20 minutes, student one is $7/8$ done and student two is $5/6$ done. How far is student one ahead of student two?

6. Two wooden crates are stacked on top of each other. One is 3 ¾ feet tall and the other is $2 \, 1/5$ feet tall. How high is the stack?

7. Two cabinets are set along the wall. One cabinet takes up $3/7$ of the wall and the other takes up ¼ of the wall. How much of the wall is covered by the cabinets?

8. I planted a tree in my front yard that was 4 ¼ feet tall. One year later the tree was $6 \, 5/6$ feet tall. How much did the tree grow in one year?

9. Earnest can lift $1 \, 4/5$ times his own weight. If Earnest weighs $90 \, 5/9$ pounds. How much weight can Earnest lift?