

## Lesson 43: Quiz 2 - Fractions in Percent Problems

**Directions:** Solve these problems using the **fraction** form of the **percent**.

Example: If a local bank charges  $12\frac{1}{2}\%$  interest on a loan, how much interest will be paid on a loan of \$800?

$$12\frac{1}{2}\% \text{ of } \$800 = \underline{\hspace{2cm}}$$

$$\frac{1}{8} \times \frac{\$800}{1} = \frac{\$800}{8} = \$100$$

- 1) If Sonia wants to buy a car that cost \$6,600, how much must she pay as a down payment?

Answer:           

***Carland's Winter Used Car Sale!***

$33\frac{1}{3}\%$  Down Payment will hold any car for 1 week!

- 2) Due to a flu epidemic only  $87\frac{1}{2}\%$  of the students of a local school were in attendance. If there are 568 students in that school, how many were in school that day?

Answer:           

- 3) The gray whale population in the Pacific Ocean has increased by  $16\frac{2}{3}\%$  in the last 5 years. If there were 216 whales before, **how many more** are there now?

Answer: