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 ½ % interest on a loan, how much interest will be paid on a loan of $800?

\[
12 \frac{1}{2} \% \text{ of } \$800 = \frac{1}{8} \times \frac{800}{1} = \frac{800}{8} = \$100
\]

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 1/3 % Down Payment will hold any car for 1 week!

2) Due to a flu epidemic only 87 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 2/3 % in the last 5 years. If there were 216 whales before, how many more are there now?

Answer: ______