

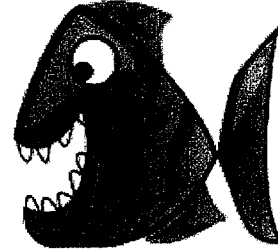
## Percentage of a Number

Name: \_\_\_\_\_ Score: \_\_\_\_\_

Calculate and round off to the nearest hundredth.

227% of 120

32% of 163



What is 1 percent of 49 ?

What is 87 percent of 63 ?

8.5% of 145

31% of 199

0.66% of 188

What is 77 percent of 50 ?

What is 85 percent of 87 ?

2.99% of 25

127% of 48

8.2% of 45

What is 6.3 percent of 33 ?

What is 85 percent of 74 ?

38% of 42

7.1% of 588

51% of 66

Name: \_\_\_\_\_

Date: \_\_\_\_\_

4. What is the percent of each number? Give your answer to the nearest hundredth.

a)  $\frac{1}{5}\%$  of 630

b)  $23\frac{7}{8}\%$  of 300

c) 245% of \$356.80

d)  $68\frac{3}{4}\%$  of 730

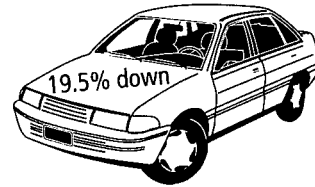
e) 360% of \$129.95

5. The commission for the sale of a house was  $6\frac{3}{4}\%$ . If the house sold for \$345 000, how much was the commission? Show your thinking.

6. Table salt is a chemical compound of sodium and chlorine. Recommended daily intake is about 1700 mg. If Canadians consume 182% of this amount on average, how much sodium is one person eating daily?

7. Estimate the following answers, then calculate. Show your thinking.

a) Miguel bought a car for \$4700. He made a down payment of  $19\frac{1}{2}\%$ . How much was the down payment?



b) About 5.6% of Canadians have Type 2 diabetes. If Canada's population is 32 million, about how many Canadians have this condition?

c) The 4900-seat hockey arena was 63% full. How many people were at the game?

8. The Nile River is about 209% the length of the Yukon River. If the Yukon River is 3168 km, how long is the Nile River (to the nearest km)? Show your work.

