Name: .... Class: ....

Estimate products: word problems

a. Mr. Smith has **5 bags** of maize grains. Each bag contains **99, 978** maize grains. About how many maize grains are there in all? (Round to the nearest ten - thousand).

b. Mr. Johnson is the manager of a small enterprise. He manages about **25 employees.** Each employee takes a salary of **$2,495** per month. About how much money will Mr Johnson withdraw from the bank as salary for his employees? (Round the salary to the nearest thousand).

c. On Sunday, a butcher sold 957,210 pounds of ground beef. On Monday, they sold thrice the amount. About how many pounds of ground beef did they sell on Monday?

d. Louise has a collection of stamps. Last year, he collected 852 stamps. This year, he collected twelve times the number of stamps he collected last year. About how many stamps does he have in his collection now?

e. Berry likes collecting marbles. He has 789 marbles. Today, he bought 85 jars of marbles with each jar containing 452 marbles. About how many marbles did he buy today?

f. Arita owns a very big poultry farm with 8,800 hens in it. Each chicken lays 8 eggs per day. Estimate the number of eggs she will get per year.

g. A bus company has 98 buses. If each bus carries 70 passengers, about how many passengers does the company records provided all the buses travel daily with full load?

h. Yesterday, Mr Reed read a huge novel that had 851 words per page. If the novel contains 78 pages, estimate the total number of words that the novel have?

i. Naomi raised a sum of $568 selling lemonade for three months. Joy, her sister, raised 9 times more than the sum Naomi raised for those three months. About how much money did Joy raise?

Name: .... Class: ....

Estimate products: word problems

a. Mr. Smith has **5 bags** of maize grains. Each bag contains **99, 978** maize grains. About how many maize grains are there in all? (Round to the nearest ten - thousand).

> To solve this problem, let's multiply 99, 978 by 5 to get
> the total number of maize grains in 5 bags.
> 99, 978 x 5
> Let's round 99, 978 to the nearest ten-thousand.
> 99, 978 ⟶ 100,000
>
>   We have 100,000 x 5 = 500,000
> So, about 500,000 maize grains are in 5 bags.

b. So, Mr Johnson will withdraw about $75,000 from the bank.

c. So, the supermarket sold about 3,000,000 pounds of ground beef on Monday.

d. So, he has about 8,500 stamps in his collection now.

e. So, he bought about 40,500 marbles today.

f. So, she will collect about 25,696,000 eggs per year.

g. So, the company records about 7,000 passengers daily.

h. So, the novel has about 72,000 words.

i. So, Joy raised about $5,400.