

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

Estimate to solve word problems.

1. Mr. James sold 422 bags of apple from his apple farm. There were 56 apples in each bag. Estimate how many apples he sold. Choose the better estimate

24 000

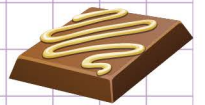
20 000



2. Larry works in a chocolate company. Yesterday, the company distributed a total of 896 250 kinds of chocolate to stores. 296 200 of those chocolates were white-chocolate. What estimate was the other kinds of chocolate? Choose the better estimate

120 000

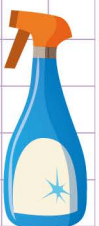
600 000



3. Belta works in a warehouse. Last week, she recorded a total of 724 boxes of detergent. This week, 2 579 boxes of detergent were brought to the warehouse. About how many boxes of detergent are in the warehouse now in all? Choose the better estimate

2 700

3 700



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## Estimate to solve word problems.

1. Mr. James sold 422 bags of apple from his apple farm. There were 56 apples in each bag. Estimate how many apples he sold. Choose the better estimate.

24 000

20 000

Multiply the bags of apple by the number of apples in each bag.

$$= 422 \times 56 = ?$$

Round 422 to the nearest hundred:  $422 = 400$

Round 56 to the nearest ten = 60

$$422 \times 56 = 400 \times 60 = 24000 \text{ apples}$$

Therefore, he sold an estimate of 24 000 apples



2. Larry works in a chocolate company. Yesterday, the company distributed a total of 896 250 kinds of chocolate to stores. 296 200 of those chocolates were white-chocolate. What estimate was the other kinds of chocolate? Choose the better estimate.

120 000

600 000

Subtract the number of white chocolate from the total number of chocolate

$$896\ 250 - 296\ 200 = ?$$

Round 896 250 to the nearest hundred thousand = 900 000

Round 296 200 to the nearest hundred thousand = 300 000

$$896\ 250 - 296\ 200 = 900\ 000 - 300\ 000 = 600\ 000$$

Therefore, the better estimate is 600 000



3. Belta works in a warehouse. Last week, she recorded a total of 724 boxes of detergent. This week, 2 579 boxes of detergent were brought to the warehouse. About how many boxes of detergent are in the warehouse now in all? Choose the better estimate.

2 700

3 700

Add 2 579 to 724 to get the total number of boxes of detergent.

$$2\ 579 + 724 = ?$$

Round 2, 579 to the nearest thousand = 3 000

Round 724 to the nearest hundred = 700

$$2\ 579 + 724 = 3000 + 700 = 3\ 700$$

Therefore, the better estimate is 3 700

