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Name: .... **Class:** ....
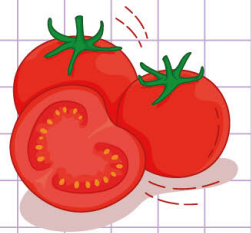
Estimate Sums: word problems

1. Richard owns a tomato farm. Yesterday, he harvested 6,920 tomatoes. Today he took his best friend to the farm and they harvested 12,789 tomatoes. About how many tomatoes has Richard's farm produced yesterday and today? Round each number to the nearest thousand.

2. Mr.Ken controls the central library in his town. In 2015, 9,789 books were donated to the library by the local government. In 2017, 974 books were again donated by a charity organization. Estimate the number of books donated to the library in 2015 and 2017 (round each number to the nearest hundred)

3. A store owner ordered 980 bottles of hand sanitizers and 491 bottles of spirit. To the nearest hundred about how many bottles did he order in all?

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1. Richard owns a tomato farm. Yesterday, he harvested 6,920 tomatoes. Today he took his best friend to the farm and they harvested 12,789 tomatoes. About how many tomatoes has Richard's farm produced yesterday and today? Round each number to the nearest thousand.

   Number of tomatoes harvested yesterday = 6,920

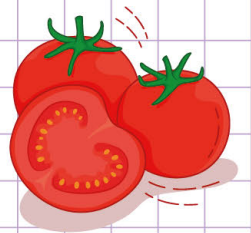   Number of tomatoes harvested today = 12,789

   So, total number of tomatoes the farm has produced in all

   6,920 ⟶ 7,000

   12,789 ⟶ 13,000

   $7,000 + 13,000 \cong 20,000$

   Therefore, Richard's farm has produced about 20,000 tomatoes so far.

2. Mr.Ken controls the central library in his town. In 2015, 9,789 books were donated to the library by the local government. In 2017, 974 books were again donated by a charity organization. Estimate the number of books donated to the library in 2015 and 2017 (round each number to the nearest hundred)

   To solve this problem, let's add the number of books donated to the library in 2015 and 2017

   9,789 + 974

   Now, let's round each number to the nearest hundred, then add.

   9,789 ⟶ 10,000

   974 ⟶ 1,000

   $10,000 + 1,000 \cong 11,000$

   Therefore, about 11,000 books were donated to the library in 2015 and 2017

3. A store owner ordered 980 bottles of hand sanitizers and 491 bottles of spirit. To the nearest hundred about how many bottles did he order in all?

   Let's first of all add the bottles of hand sanitizers and bottles of spirits ordered

   980 + 490

   $1\,000 + 500 \cong 1,500$

   So, the store ordered about 1,500 bottles altogether.