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

Multiply 2-digit numbers by 2-digit numbers: word problems

1. John works in a hand sanitizer company. They supply an average of 75 bottles of hand sanitizers per day to a hospital. Find the number of bottles they supplied in the month of February (leap year).

2. Leonard, an electronic dealer received an order of about 25 headphones for customer service company. He charged $15 per headphones. How much did he earn from the order?

3. Each day, Mary's dad goes for a walk to keep fit. He makes sure he walk a total of 12 km everyday. If he did this for a period of 2 weeks, how many km did he walk in all?

mathskills4kids

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1. John works in a hand sanitizer company. They supply an average of 75 bottles of hand sanitizers per day to a hospital. Find the number of bottles they supplied in the month of February (leap year).

Let's first of all interpret the question.

Month of February (leap year) has 29 days

Now, to solve this problem, we need to multiply 75 by 29

to get the number of bottles supplied in febuary.

```
        7 5
  ✘     2 9
        6 7 5
  +   1, 5 0 0      Therefore, they supplied 2, 175 bottles in February
      2, 1 7 5
```

2. Leonard, an electronic dealer received an order of about 25 headphones for customer service company. He charged $15 per headphones. How much did he earn from the order?

To solve this problem, we need to multiply 25 by 15

to get the amount earned from the order.

```
        2 5
  ✘     1 5
        1 2 5
  +     2 5 0      So, he earned $375 from the order.
        3 7 5
```

3. Each day, Mary's dad goes for a walk to keep fit. He makes sure he walk a total of 12 km everyday. If he did this for a period of 2 weeks, how many km did he walk in all?

To solve this problem, we need to multiply 12 by the number of days that make up 2 weeks.

We know that 2 weeks = 14 days

So,
```
        1 2
  ✘     1 4
        4 8
  +   1 2 0      Therefore, he walk a total of 168 km in 2 weeks
      1 6 8
```