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

Multiply a 2-digit number by larger number: word problems

1. Peter saves $87 daily from his shop. How much will he save in 2 years (with no leap year amongst the 2 years)?

2. A lollipop company produces about 67,288 boxes of lollipops each day. If there are 12 lollipops per box, how many lollipops does the company produce each day?

3. Rose is a writer. Last year, she wrote a total of 15 novels. She had to print 8,521 copies of each novel. How many copies of novels did she print in all last year?

mathskills4kids

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

Multiply a 2-digit number by larger number: word problems

1. Peter saves $87 daily from his shop. How much will he save in 2 years (with no leap year amongst the 2 years)?

To solve this problem, we have to multiply the number of days in 2 years by 87.

If 1 year has 365 days

Then 2 years will have (365 x 2) days) 730days)

```
        7 3 0
    x      8 7
      5, 1 1 0
    5 8, 4 0 0
```
$\boxed{6\,3,5\,1\,0}$ Therefore, he will save $ 63,510 in 2 years

2. A lollipop company produces about 67,288 boxes of lollipops each day. If there are 12 lollipops per box, how many lollipops does the company produce each day?

To find the number of lollipops produced per day, let's multiply the number of boxes of lollipops by the number of lollipops per box.

```
      6 7, 2 8 8
    x          1 2
    1 3 4, 5 7 6
    6 7 2, 8 8 0      So, the company produces 807,456 lollipops per day
```
$\boxed{8\,0\,7,4\,5\,6}$

3. Rose is a writer. Last year, she wrote a total of 15 novels. She had to print 8,521 copies of each novel. How many copies of novels did she print in all last year?

To find the number of copies of novels she printed last year, let's multiply the number of each novel printed by the total number of novels she wrote last year.

```
        8, 5 2 1
    x          1 5
    4 2, 6 0 5
    8 5, 2 1 0       So, She printed 127,815 copies of novels in all last year
```
$\boxed{1\,2\,7,8\,1\,5}$