

NAME: \_\_\_\_\_



## Purpose

To solve multiplication problems using mental math or paper and pencil

## Math Words

### **multiplication**

We can use multiplication to combine or add equal-sized groups.

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### **times**

We find 3 times 100 by multiplying, or we can add 100 plus 100 plus 100.

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## Starter Problem

Solve.

The third grade class made 125 cupcakes for the school fair. Each cupcake had 3 candy kisses on top. How many candy kisses were needed all together? \_\_\_\_\_

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## Student Thinking

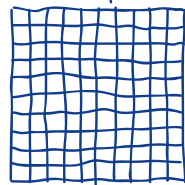


Joy

For 100 cupcakes you need 3 times 100 candies. For 25 cupcakes you need 3 times 25 candies. So 300 plus 75 is 375 candies. I can multiply  $125 \times 3$  to check.



100 cupcakes



3 candies each  
is 300 candies

25 cupcakes



3 candies each  
is 75 candies

$$\begin{array}{r} 125 \\ \times 3 \\ \hline 375 \end{array}$$



Tim

I needed to find how many candy kisses all together, so I added. It's 128 in all.



$$\begin{array}{r} 125 \\ + 3 \\ \hline 128 \end{array}$$

## Things to Remember

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NAME: \_\_\_\_\_

## Our Turn

Solve each problem using mental math or paper and pencil.  
It may help to make a drawing.

1. Amy made 32 birthday treat bags for her classmates.  
Each bag had 4 treats. How many treats did she need in all?
2. Eddie packs baskets with fruit to sell at the farmer's market.  
Each basket holds 7 plums or 5 peaches. How many peaches  
will he need to fill 65 baskets with peaches?
3. The outdoor theater has 124 rows; each row has 6 seats.  
How many seats does the theater have all together?

NAME:

## My Turn

Solve each problem using mental math or paper and pencil.  
It may help to make a drawing.

1. The pep band had 28 rows with 5 students in each row when it marched on the field. How many students were in the pep band?
2. The after-school clubs made 136 greeting cards for children in hospitals. Each card had 3 stickers. How many stickers were used on the cards all together?
3. Irma helped her neighbor plant flowers. They planted 16 tulips and 5 daffodils in each of 4 pots. How many tulips did they plant in all?

NAME: \_\_\_\_\_

**Multiple Choice Mini Lesson**

Fill in the circle next to the answer you choose.

1. The committee ordered 24 packages of hot dog buns for the picnic. Each package had 8 buns. How many buns did they order in all?

☐ 192      ☐ 32      ☐ 132

2. The school printed 135 programs for the outdoor fiesta. Each program had 3 pages. How many pages were printed all together?

☐ 138      ☐ 405      ☐ 175



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## Writing Task Mini Lesson

Explain how to use mental math to solve the problem below.

Each student got 6 free tickets for events at the school fair. If there are 62 students, how many tickets were given out?

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# Making Sense and Multiplying



NAME:

## Writing Task Mini Lesson

Explain how to use mental math to solve the problem below.

Each student got 6 free tickets for events at the school fair. If there are 62 students, how many tickets were given out?

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