# Helping With Math

## Multiplying Whole Numbers Up To Four Digits

**GRADE 4**

💡 The concept of multiplication can simply be defined as giving results by combining groups of equal sizes. Multiplication is also known as the shortcut version for repeated addition.

Ho ho ho! Merry Christmas! There are 20 children in town. Each child will receive 1 dozen of crayons. How many crayons will I give out?

### MULTIPLICATION

★ The basic idea of it is the repeated addition
★ A number that is added to itself a number of times based on the given

### MULTIPLICATION SENTENCE

Multiplier

**1 3 x 2 0 = 2 6 0**

Multiplicand

Product

## MULTIPLYING WHOLE NUMBERS

There are 77 Christmas balls in each box. How many Christmas balls are in 19 boxes?

77 x 19 = 1, 463 Christmas balls

$$\begin{array}{r} 45 \\ \times \quad 69 \\ \hline 3,105 \end{array}$$

$$\begin{array}{r} 95 \\ \times \quad 4 \\ \hline 380 \end{array}$$

## Solve for the product of the following problems

Santa went to the store 23 times last month. He buys 30 pencils each time he goes to the store. How many pencils did Santa buy last month?

Santa will give each child 34 candies. If there are 15 children, how many candies will Santa give in total?

Each Christmas socks costs $53. How much do 19 Christmas socks costs?

# TABLE OF ACTIVITIES

# WHERE IS MY GIFT?

Help the Smith children to receive their gifts! Match the multiplication sentence with its corresponding product. Draw a line to connect them.

**1.** 47 x 8

**2.** 94 x 3

**3.** 45 x 6

**4.** 39 x 5

**A.** 270

**B.** 195

**C.** 376

**D.** 282

# SANTA'S COMING TO TOWN!

Here comes Santa to give your gifts! Multiply each given item. Choose the product from the options below by shading your answer.
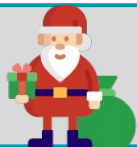
**1.**

87 x 12

| 1,044 | 1,004 | 1,400 | 1,440 |

**2.**

47 x 48

| 2,562 | 2,265 | 2,256 | 2,652 |

**3.**

59 x 26

| 1,354 | 1,345 | 1,435 | 1,534 |

**4.**

95 x 21

| 1,599 | 1,995 | 1,595 | 1,559 |

# EXCHANGE GIFTS

Let us help Mary to open her gifts! Answer each multiplication equation below.

**1.**
96
x
4

**2.**
34
x
7

**3.**
59
x
8

**4.**
49
x
8

**5.**
94
x
2

**6.**
70
x
9

# THE SEASON OF GIVING

This is the season of giving! Answer each multiplication equation in the gift box to help Grace give them to a charity.

**1.**

$45 \times 23$

=

**2.**

$48 \times 96$

=

**3.**

$25 \times 48$

=

**4.**

$17 \times 54$

=

**5.**

$18 \times 21$

=

**6.**

$58 \times 64$

=

# THE BLUE NOSED REINDEER

Oh no, that is not Rudolph! Look carefully on the solutions below. Determine and encircle which part of it was done incorrectly. Then, provide the correct solution.

**1.**

```
    89
x
     8
─────────
   702
```

**2.**

```
    58
x
    63
─────────
 3,624
```

**3.**

```
    93
x
     7
─────────
   651
```

**4.**

```
    72
x
    32
─────────
 2,304
```

# OUR CHRISTMAS TREE

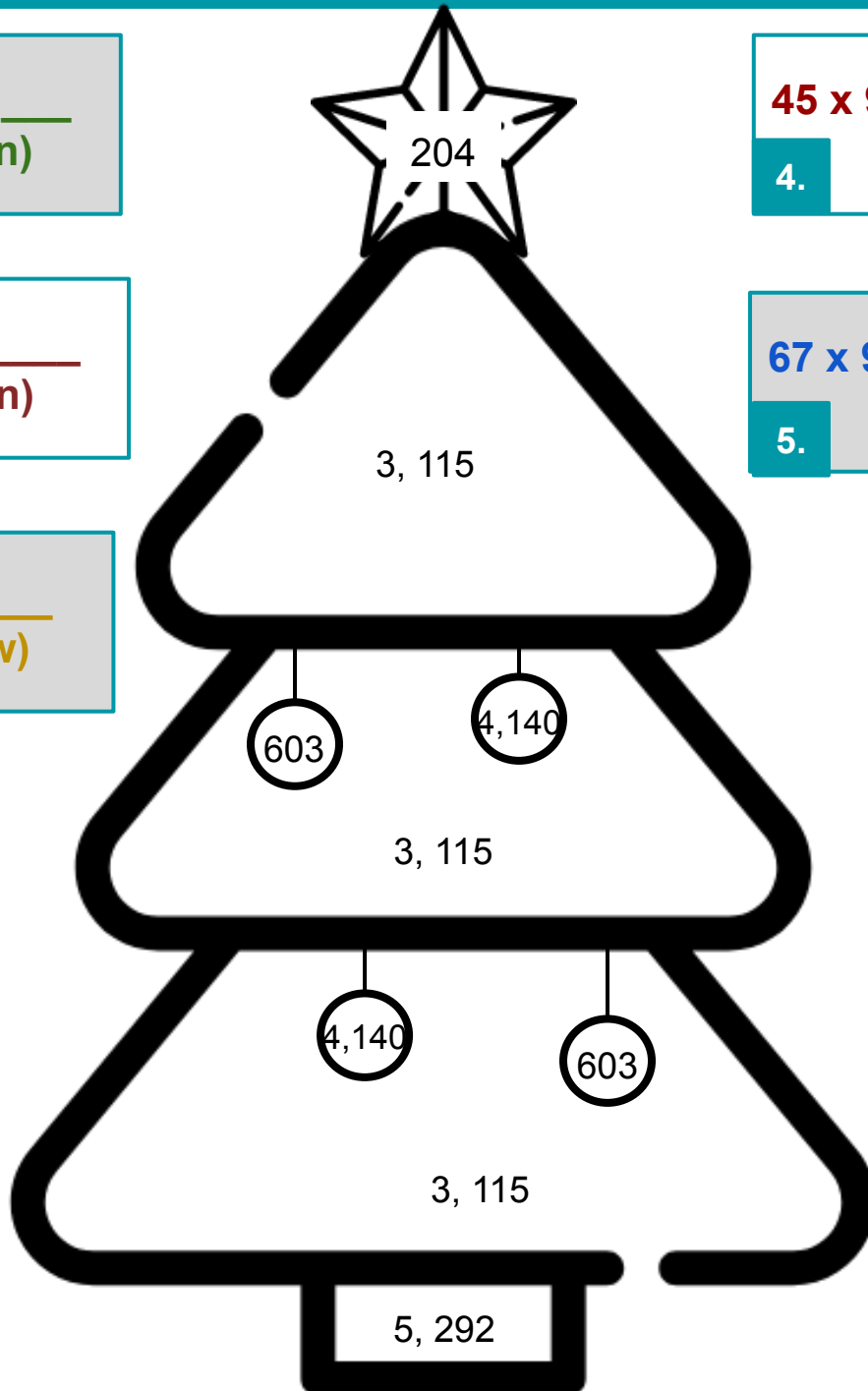Solve for the product of the following numbers. Use the product as your guide to put color on the christmas tree.

**1.** 35 x 89 = ____ (Green)

**2.** 54 x 98 = ____ (Brown)

**3.** 68 x 3 =____ (Yellow)

**4.** 45 x 92 = ____ (Red)

**5.** 67 x 9 = ____ (Blue)

204

3, 115

603

4,140

3, 115

4,140

603

3, 115

5, 292

# FLASH CARDS: THE CHRISTMAS EDITION

You are only given 30 seconds for each flashcards! Multiply the given as fast as you can then write your answer on the space provided.

**1.**

69

x

42

**2.**

83

x

34

**3.**

95

x

29

**4.**

94

x

8

1.

2.

3.

4.

Multiplying Whole Numbers Up To Four Digits

# IT'S THE CHRISTMAS SEASON

Read and analyze each problem carefully. Write your solution and answer on the space provided.

1. Every year, Mrs. Claus treats the elves at the North Pole to a plate of cookies each. She bakes 9 cookies on each plate. If there are 356 elves working, how many cookies will she need to bake?
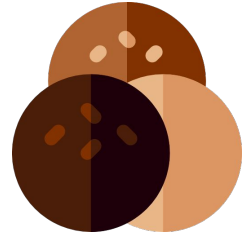
2. Rudolph likes to eat hay. He needs to eat 5 bales of hay each day. If Santa wants to buy enough hay to feed Rudolph for 93 days, how many bales of hay does Santa need to buy?

3. There are stables at Santa's house with space for 85 reindeer in each stable. He has 7 stables. How many reindeer could Santa fit into his stables?

# THE YULETIDE SEASON

It's the Yuletide season again! Read and analyze each problem carefully. Write your solution and answer on the space provided.

58 people eat Christmas dinner. Each person is given 12 roast potatoes. How many roast potatoes do the chefs need to cook?

**1.**

Cindy want to decorate her mansion. She needs 18 pieces of Christmas lights to decorate her house. Each light costs $25. How much is the total cost cost of 18 christmas lights?

**2.**

Grandmother bought 9 clothes for each of her grandchildren. She has 24 grandchildren in total. How many clothes did she bought in total?
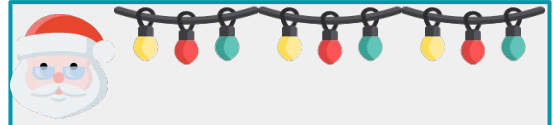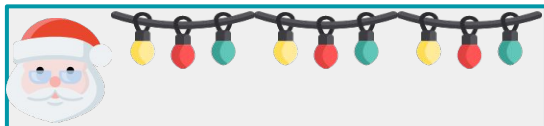
**3.**

# MY WISHLIST!

Dear Santa, this is my wishlist! Using your favorite numbers, provide 4 given then show your complete solution and answer.

**1.**

**2.**

**3.**

**4.**

# ANSWER GUIDE

## Activity 1

1. C
2. D
3. B
4. A

## Activity 2

1. 1, 044
2. 2, 256
3. 1, 534
4. 1, 995

## Activity 3

1. 384
2. 238
3. 472
4. 392

5. 188
6. 630

## Activity 4

1. 1, 035
2. 4, 608
3. 1, 200
4. 918

5. 378
6. 3, 712

# ANSWER GUIDE

## Activity 5

1. 702 : 712
2. 3, 624: 3, 654
3. (CORRECT)
4. (CORRECT)

## Activity 6

1. 3, 115
2. 5, 292
3. 204
4. 4, 140
5. 603

## Activity 7

1. 2, 898
2. 2, 822
3. 2, 755
4. 752

## Activity 8

1. 3, 204 cookies
2. 465 hays
3. 595 reindeers

# ANSWER GUIDE

## Activity 9

1. 696 roast potatoes
2. 450 dollars
3. 216 clothes

## Activity 10

Answer may vary as it is a subjective type of activity.

# Copyright Notice

## Thank you

Thank you so much for purchasing and downloading this resource.

We hope it has been useful for you in the classroom and that your students enjoy the activities.

For more teaching and homeschooling resources like this, don't forget to [come back](#) and download the new material we add every week!

Thanks for supporting **Helping With Math**. We can provide teachers with low-cost, high-quality teaching and homeschooling resources because of our loyal subscribers and hope to serve you for many years to come.

- The Entire Helping With Math Team :)