3rd Basic

4th Advanced

Helping With Math

USA GRADES

Multiplication of 1-Digit Numbers

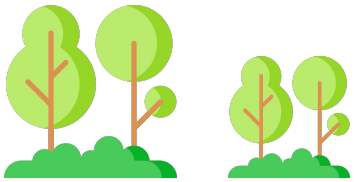
Suitable for students **aged 7-9**

This pack is suitable for learners aged 7 to 9 years old or 3rd to 4th graders (USA). The content covers fact files and relevant basic and advanced activities involving multiplication of one-digit numbers.

Key Concepts:

- Multiplication is actually a repeated addition.
- It is the process of adding number to itself a couple of times depending on the multiplier
- It means finding the total of one number when multiplied with another
- The symbol '×' is the sign being used
- The multiplication sentence is composed of a multiplicand, multiplier, and product.

Let's celebrate Mother Earth Day by learning how to multiply numbers! Come and join us!



MULTIPLICATION

PARTS OF MULTIPLICATION SENTENCE

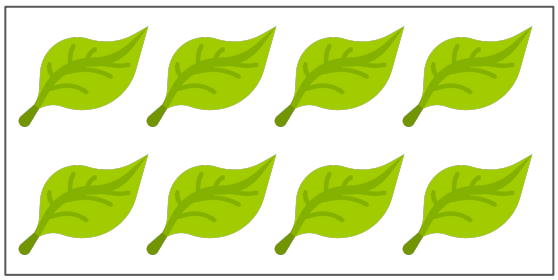
```
   7
x  6
-----
  42
```

Multiplicand tells the number to be multiplied.

Multiplier tells how many times the number is to be multiplied.

Product tells the answer or result obtained from multiplying numbers.

ILLUSTRATIVE EXAMPLES



=

4 + 4 = 8

or

4 x 2 = 8

If there are four leaves in a row and there are two rows, there is a total of 8 leaves in all.

In the multiplication sentence: 4 x 2 = 8, 4 is the multiplicand, 2 is the multiplier, and 8 is the product.

PRACTICE EXERCISES:

1. What is 3 x 2? Answer: _____

2. What is 4 x 3? Answer: _____

TABLE OF ACTIVITIES

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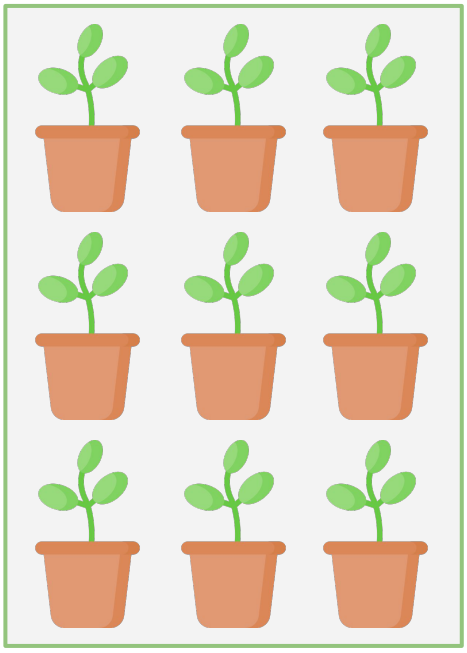
8	The Missing Green Part	
9	The Green Environment	
10	Preserve Life, Save the Earth	

INTERNATIONAL MOTHER EARTH DAY

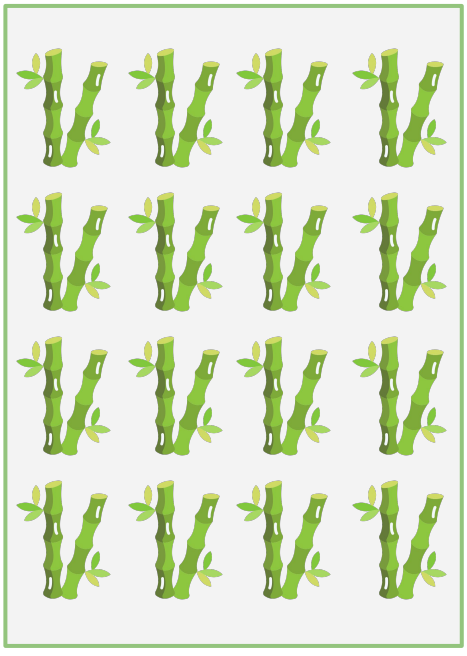
G3 Basic

Celebrate the International Mother Earth Day by helping these farmers to create multiplication sentence for the following plants.



1. Multiplication sentence:

Multiplicand	Multiplier	Product



2. Multiplication sentence:

Multiplicand	Multiplier	Product

EVERY 22ND DAY OF APRIL

G3
Basic

Every 22nd day of April, we raise the awareness of taking care of our planet by celebrating International Mother Earth Day. To act as one, write the following addition sentences as mathematical sentences.

1. 2 + 2 + 2 + 2 + 2 =

2. 3 + 3 + 3 + 3 + 3 =

3. 2 + 2 + 2 + 2 =

4. 3 + 3 + 3 + 3 =

5. 4 + 4 + 4 + 4 + 4 =

6. 4 + 4 + 4 + 4 =

MULTIPLY THE NATURE WONDERS

G3
Basic

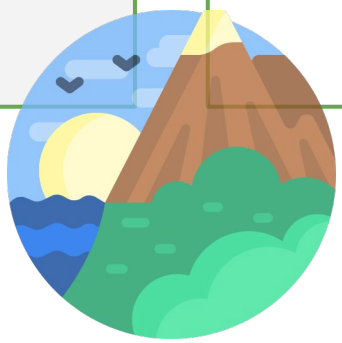
Do good deeds to protect the wonders of nature by creating addition sentences from the given multiplication sentences.

1. 4 x 3 = 12

2. 4 x 4 = 16

3. 4 x 5 = 20

4. 4 x 6 = 24



THE PRODUCT OF RECYCLING

G3
Basic

Recycling is one of the important ways to take care of our environment. Do recycling by getting the product of the following numbers.

1. 2 x 3 = ?

2. 2 x 1 = ?

3. 3 x 3 = ?

4. 5 x 3 = ?

5. 4 x 5 = ?

6. 6 x 2 = ?

7. 7 x 1 = ?

8. 2 x 4 = ?

9. 6 x 5 = ?

10. 5 x 5 = ?

I LOVE MOTHER EARTH

G3
Basic

Show your love to Mother Earth by illustrating any image/object related to nature to create repeated addition and multiplication sentence.

Illustration:	
Repeated addition:	**Multiplication sentence:**

Illustration:	
Repeated addition:	**Multiplication sentence:**

LET'S GO ZERO-WASTE DAY!

G4 Advanced

Be a responsible human to Mother Earth by promoting a Zero-Waste Day! But first, solve for the product of the following.

1. 6 x 6 = ____

2. 6 x 5 = ____

3. 6 x 7 = ____

4. 7 x 7 = ____

5. 7 x 6 = ____

6. 7 x 5 = ____

7. 8 x 8 = ____

8. 8 x 6 = ____

9. 8 x 5 = ____

THE 3R'S

G4 Advanced

Do you know that many environmental groups are promoting the 3R's to protect the environment? Be their member by supplying the missing part of these multiplication sentences.

1. 8 x 3 =
2. 8 x 4 =
3. ___ x 3 = 21
4. ___ x 3 = 27
5. 4 x ___ = 44
6. 4 x ___ = 36
7. 9 x 2 =
8. 9 x 4 =

THE MISSING GREEN PART

G4 Advanced

The travelers are lost and they want to reach their destination. Guide them as they look for the missing green part by finding the product of the following.

6.) 7 x 10 =

5.) 10 x 6 =

4.) 5 x 10 =

3.) 10 x 4 =

2.) 3 x 10 =

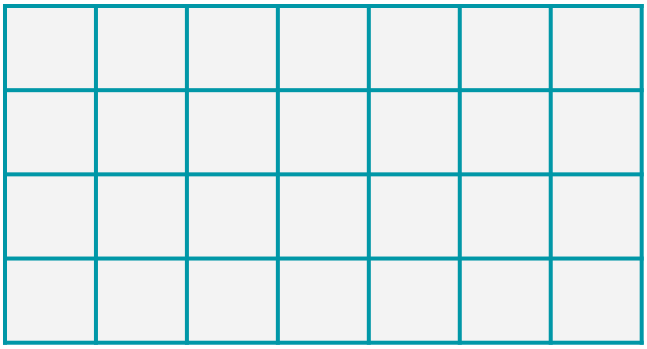
1.) 2 x 10 =

THE GREEN ENVIRONMENT

G4 Advanced

Green Environment is an organization that advocates green living to protect Mother Earth. To become their member, you should answer first the number of square grids below. Use your knowledge of multiplication to accomplish the task.

1.

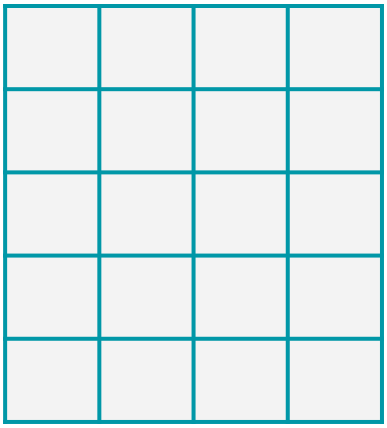


No. of rows:

No. of columns:

Total no. of squares:

2.

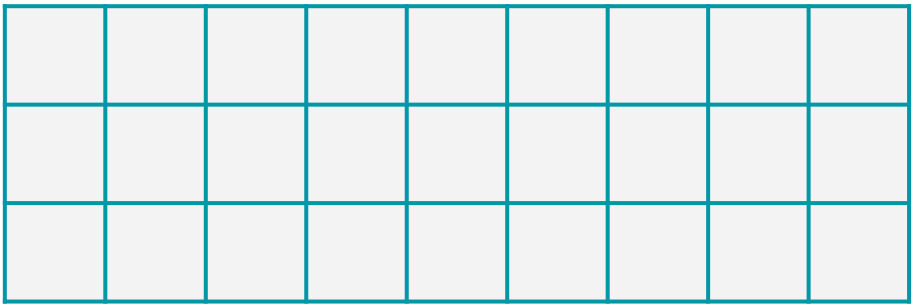


No. of rows:

No. of columns:

Total no. of squares:

3.



No. of rows:

No. of columns:

Total no. of squares:

PRESERVE LIFE, SAVE THE EARTH

G4 Advanced

Here are some of life events that can be solved using multiplication of numbers. Answer them and show your solution.

1. 8 members of an environmental organization will conduct a seminar to discuss the ways to protect the environment. Each member are assigned to have a two-hour seminar. Given this, how many hours will these 8 members should spend in their seminars in all?

2. Planting more plants is one of the best ways to protect Mother Earth. Ricky has a 5 meter by 6 meter vacant lot. If he will plant a seedling in every square meter, how many seedlings can he plant in all? Illustrate the possible arrangement of the seedlings below.

ANSWER GUIDE

Activity 1

1. Multiplication sentence: 3 x 3 = 9
Multiplicand: 3 Multiplier: 3 Product: 9
2. Multiplication sentence: 4 x 4 = 16
Multiplicand: 4 Multiplier: 4 Product: 16

Activity 2

1. 2 x 5 = 10	2. 3 x 5 = 15	3. 2 x 4 = 8
4. 3 x 4 = 12	5. 4 x 5 = 20	6. 4 x 4 = 16

Activity 3

1. 4+4+4 = 12	2. 4+4+4+4 = 16
3. 4+4+4+4+4 = 20	4. 4+4+4+4+4+4 = 24

Activity 4

1. 6	2. 2	3. 9	4. 15	5. 20
6. 12	7. 7	8. 8	9. 30	10. 25

Activity 5

1. Answers per learner may vary.

ANSWER GUIDE

Activity 6

1. 36	2. 30	3. 42	4. 49	
5. 42	6. 35	7. 64	8. 48	9. 40

Activity 7

1. 24	2. 32	3. 7	4. 9
5. 11	6. 9	7. 18	8. 36

Activity 8

1. 20	2. 30	3. 40	4. 50	5. 60	6. 70

Activity 9

1. No. or rows: 4	no. of column: 7	Total: 28
2. No. or rows: 5	no. of column: 4	Total: 20
3. No. or rows: 3	no. of column: 9	Total: 27

Activity 10

1. 16 hours	2. 30 seedlings

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