



2nd Basic
3rd Advanced

Helping With Math

USA GRADES

Multiplication Tables

Suitable for students aged 6-8



This pack is suitable for learners aged 6-8 years old or 2nd or 3rd grades (USA). The content covers fact files and relevant basic and advanced activities involving multiplication tables.



St. Patrick's Day is celebrated in Ireland every 17th March to commemorate the saint's death. This holiday became part of the Irish culture and has evolved through parades, music, dance, and many green.



x	1	2
1	1	2
2	2	4

Multiplication table is a table that shows the results of multiplying two numbers.

One number is along a row and the other is in the column. The results are shown where a row and column meet.

Example: $2 \times 1 = 2$



CONCEPTS



1

$1 \times 1 = 1$

$1 \times 2 = 2$

$1 \times 3 = 3$

$1 \times 4 = 4$

$1 \times 5 = 5$

$1 \times 6 = 6$

$1 \times 7 = 7$

$1 \times 8 = 8$

$1 \times 9 = 9$

$1 \times 10 = 10$



2

$2 \times 1 = 2$

$2 \times 2 = 4$

$2 \times 3 = 6$

$2 \times 4 = 8$

$2 \times 5 = 10$

$2 \times 6 = 12$

$2 \times 7 = 14$

$2 \times 8 = 16$

$2 \times 9 = 18$

$2 \times 10 = 20$



3

$3 \times 1 = 3$

$3 \times 2 = 6$

$3 \times 3 = 9$

$3 \times 4 = 12$

$3 \times 5 = 15$

$3 \times 6 = 18$

$3 \times 7 = 21$

$3 \times 8 = 24$

$3 \times 9 = 27$

$3 \times 10 = 30$

4



$4 \times 1 = 4$

$4 \times 2 = 8$

$4 \times 3 = 12$

$4 \times 4 = 16$

$4 \times 5 = 20$

$4 \times 6 = 24$

$4 \times 7 = 28$

$4 \times 8 = 32$

$4 \times 9 = 36$

$4 \times 10 = 40$

5



$5 \times 1 = 5$

$5 \times 2 = 10$

$5 \times 3 = 15$

$5 \times 4 = 20$

$5 \times 5 = 25$

$5 \times 6 = 30$

$5 \times 7 = 35$

$5 \times 8 = 40$

$5 \times 9 = 45$

$5 \times 10 = 50$

6



$6 \times 1 = 6$

$6 \times 2 = 12$

$6 \times 3 = 18$

$6 \times 4 = 24$

$6 \times 5 = 30$

$6 \times 6 = 36$

$6 \times 7 = 42$

$6 \times 8 = 48$

$6 \times 9 = 54$

$6 \times 10 = 60$

Example: What is the product of 5 and 6?

$5 \times 6 = 30$



Exercise: What is the product of 3 and 9?

$\underline{\quad} \times \underline{\quad} = \underline{\quad}$



CONCEPTS

Example: Which has a higher answer? 8×3 or 7×4 ?

$$8 \times 3 = 24$$

$$7 \times 4 = 28$$



Exercise: Which has a higher answer? 10×5 or 8×6 ?

$$10 \times 5 = \underline{\quad}$$

$$8 \times 6 = \underline{\quad}$$

7



$$7 \times 1 = 7$$

$$7 \times 2 = 14$$

$$7 \times 3 = 21$$

$$7 \times 4 = 28$$

$$7 \times 5 = 35$$

$$7 \times 6 = 42$$

$$7 \times 7 = 49$$

$$7 \times 8 = 56$$

$$7 \times 9 = 63$$

$$7 \times 10 = 70$$

8



$$8 \times 1 = 8$$

$$8 \times 2 = 16$$

$$8 \times 3 = 24$$

$$8 \times 4 = 32$$

$$8 \times 5 = 40$$

$$8 \times 6 = 48$$

$$8 \times 7 = 56$$

$$8 \times 8 = 64$$

$$8 \times 9 = 72$$

$$8 \times 10 = 80$$

9



$$9 \times 1 = 9$$

$$9 \times 2 = 18$$

$$9 \times 3 = 27$$

$$9 \times 4 = 36$$

$$9 \times 5 = 45$$

$$9 \times 6 = 54$$

$$9 \times 7 = 63$$

$$9 \times 8 = 72$$

$$9 \times 9 = 81$$

$$9 \times 10 = 90$$

10



$$10 \times 1 = 10$$

$$10 \times 2 = 20$$

$$10 \times 3 = 30$$

$$10 \times 4 = 40$$

$$10 \times 5 = 50$$

$$10 \times 6 = 60$$

$$10 \times 7 = 70$$

$$10 \times 8 = 80$$

$$10 \times 9 = 90$$

$$10 \times 10 = 100$$

11



$$11 \times 1 = 11$$

$$11 \times 2 = 22$$

$$11 \times 3 = 33$$

$$11 \times 4 = 44$$

$$11 \times 5 = 55$$

$$11 \times 6 = 66$$

$$11 \times 7 = 77$$

$$11 \times 8 = 88$$

$$11 \times 9 = 99$$

$$11 \times 10 = 110$$

12



$$12 \times 1 = 12$$

$$12 \times 2 = 24$$

$$12 \times 3 = 36$$

$$12 \times 4 = 48$$

$$12 \times 5 = 60$$

$$12 \times 6 = 72$$

$$12 \times 7 = 84$$

$$12 \times 8 = 96$$

$$12 \times 9 = 108$$

$$12 \times 10 = 120$$



TABLE OF ACTIVITIES

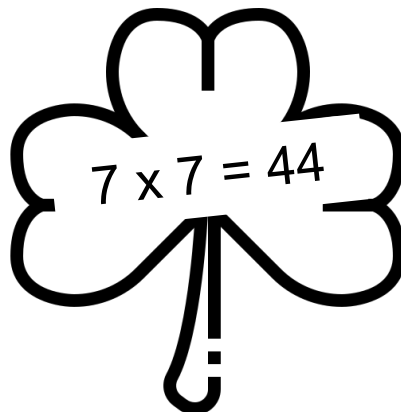
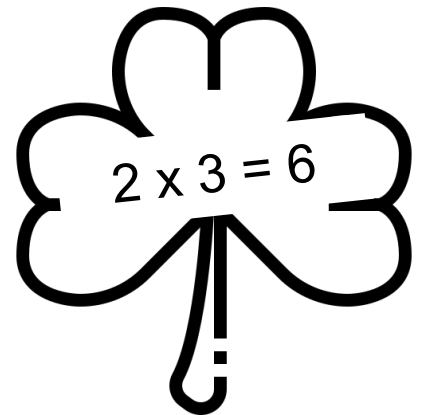
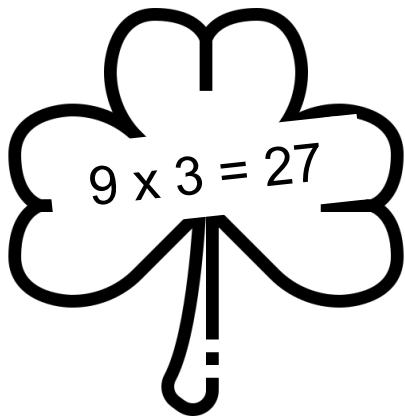
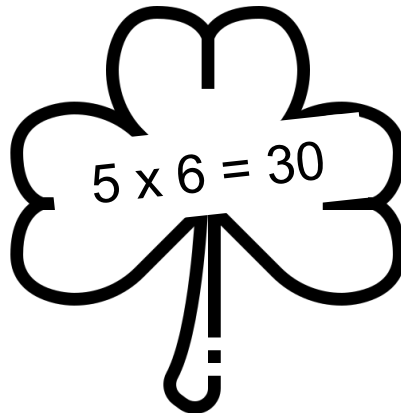
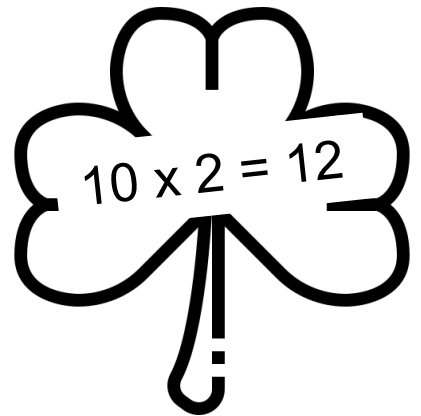
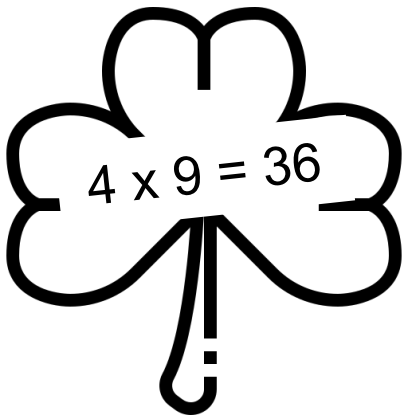
Ages 6-7 (Basic)		<u>2nd Grade</u>
1	Shamrock Product	
2	Patron Saint of Ireland	
3	Happy St. Patrick's Day!	
4	Mythical Mascot Boots	
5	Leprechaun's Task	
Ages 7-8 (Advanced)		<u>3rd Grade</u>
6	St. Patrick's Day Celebration	
7	Reward: A Pot of Gold Coins	
8	The Beginning of Christianity	
9	St. Patrick's Day Goodies	
10	Win an Extra Gold	



SHAMROCK PRODUCT

G2
Basic

In line with the celebration of St. Patrick's Day, color the shamrock that shows the correct multiplication sentence.



PATRON SAINT OF IRELAND

G2
Basic

Let's honor St. Patrick because of his significant contribution in bringing Solve the Multiplication flashcards below. You are only given 1 minute 30 seconds to complete the flashcards.

$$\begin{array}{r} 1. \quad 3 \\ \times \quad 2 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 6 \\ \times \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 4 \\ \times \quad 4 \\ \hline \end{array}$$



$$\begin{array}{r} 4. \quad 2 \\ \times \quad 6 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 5 \\ \times \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 3 \\ \times \quad 5 \\ \hline \end{array}$$



HAPPY ST. PATRICK'S DAY!

G2
Basic

Let us commemorate the feast day of St. Patrick by filling in the blanks. Afterwards, write the multiplication sentence in words.

1. $6 \times \underline{\hspace{2cm}} = 30$

Multiplication
sentence:



2. $\underline{\hspace{2cm}} \times 4 = 12$

Multiplication
sentence:



3. $5 \times 4 = \underline{\hspace{2cm}}$

Multiplication
sentence:



MYTHICAL MASCOT BOOTS

G2
Basic

Can you do the math task where Leprechaun's booths are hidden?
Write the products inside the table.

1.

x	3	4
2		
3		



2.

x	4	5
5		
2		



3.

x	5	2
6		
4		



4.

x	6	3
3		
4		



LEPRECHAUN'S TASK

G2

Basic

Show to Leprechaun that you are good at math. Answer the following questions below. Show your complete solution.

1.) What is six multiplied by six?

2.) When the ones digit of your answer in the previous number is multiplied by two, what is the product?

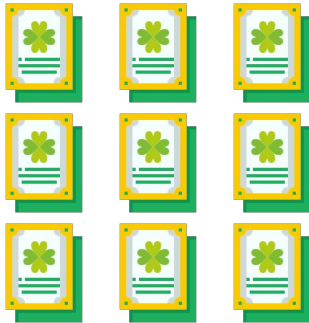
3.) When the tens digit of your answer in the previous number is multiplied by five, the answer is?



ST. PATRICK'S DAY CELEBRATION

G3
Advanced

Below are some of the common objects associated with St. Patrick's Day. Choose the correct multiplication and repeated addition sentence that represents the icons.



$$3 + 3 + 3 = 9$$

$$3 + 3 + 3 = 6$$

$$3 \times 9 = 27$$

$$3 \times 3 = 9$$



$$3 + 3 + 3 = 3$$

$$1 + 1 + 1 = 3$$

$$1 \times 3 = 3$$

$$3 \times 3 = 3$$

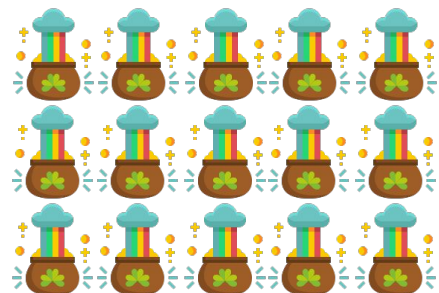


$$6 + 6 + 3 = 18$$

$$6 + 6 + 6 = 18$$

$$6 \times 6 = 18$$

$$6 \times 3 = 18$$



$$5 + 5 + 5 = 15$$

$$3 + 3 + 3 + 3 + 3 = 20$$

$$5 \times 3 = 15$$

$$3 \times 5 = 20$$



REWARD: A POT OF GOLD COINS

G3
Advanced

Originated as Irish folklore, "fairies put a pot of gold coins at the end of each rainbow with leprechauns guarding it. Get that pot of gold coins by determining the correctness of each statement. If correct, put a check (✓) inside the box and if incorrect, write the correct product.

1 The product of twelve and three is thirty-six.

2 The product of ten and eight is eighteen.

3 The product of nine and seven is sixty-three.

4 The product of eleven and four is forty-four.

5 The product of eight and seven is sixty-six.

6 The product of twelve and six is seventy-two.



THE BEGINNING OF CHRISTIANITY

G3
Advanced

St. Patrick was being credited with bringing Christianity to Ireland.
Answer the items below and reveal the mystery word.

A 9
x
3

D 7
x
7

E 10
x
8

I 8
x
9

L 11
x
5

N 6
x
7

R 12
x
5

72 60 80 55 27 42 49



ST. PATRICK'S DAY GOODIES

G3
Advanced

The word problems below show a typical errand of people in celebrating St. Patrick's Day. Complete the word problem. Use two dice to fill in the missing number, then get the product.

1. Sofia went to the Patrick's Store and bought _____ bags of Clover-shaped biscuits. Each bag has _____ biscuits in it. How many cookies does she have altogether?

Solution:



2. Jackson has _____ plastics of gold chocolate coins. Each plastic has _____ chocolate coins in it. How many does he have in all?

Solution:



3. Lexie keeps getting new green shamrock pens. On Monday, she got _____ pens. On Friday, she got thrice the number on Monday. How many did she get in total?

Solution:



WIN AN EXTRA GOLD

G3
Advanced

Receive a gold coin from the Leprechaun by answering the following questions correctly.

1. What number should go in the blank to make the number sentence true? $12 \times \underline{\quad} = 108$

- A 6 C 8
B 7 D 9



2. Examine the multiplication sentences. Which one shows the correct product?

- A $12 \times 6 = 48$ C $11 \times 9 = 99$
B $11 \times 8 = 89$ D $12 \times 5 = 70$

3. Which of the following multiplication sentence has the least product?

- A 8×8 C 12×4
B 10×5 D 11×7



4. What of the following multiplication and repeated addition is correct?

- A $2+2+2+2=8$ ($2 \times 4=8$) C $2 \times 2 \times 2=8$ ($2 \times 3=6$)
B $2+2+2=6$ ($2 \times 2=6$) D $2+2=4$ ($2+2=4$)



ANSWER GUIDE

Activity 1

- $9 \times 4 = 36$
- $5 \times 6 = 30$
- $9 \times 3 = 27$
- $2 \times 3 = 6$

Activity 3

- 5 : six times five is equal to thirty
- 3 : three times four is equal to twelve

Activity 5

- 36
- 12
- 15

Activity 7

- ✓
- 80
- ✓
- ✓
- 56
- ✓

Activity 9

Answers may vary.

Activity 2

- 6
- 18
- 16
- 12
- 25
- 15

Activity 4

- 6, 8
- 20, 25
- 30, 12
- 18, 9
- 9, 12
- 8, 10
- 20, 8
- 24, 12

Activity 6

- $3+3+3=9$; $3 \times 3=9$
- $1+1+1=3$; $1 \times 3=3$
- $6+6+6=18$; $6 \times 3=18$
- $5+5+5=15$; $5 \times 3=15$

Activity 8

A=27 L=55
D=49 N=42
E=80 R=60
I=72 Word: Ireland

Activity 10

- D
- C
- C
- A



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