

Whilst we are waiting, **scan the code**, **enter your initials** and **complete the Blooket homework**.

The screenshot displays the Blooket interface. On the left is a purple sidebar with navigation options: Create, Discover, My Sets, Favorites, History, Homework, Play, and Settings. At the bottom of the sidebar is an 'Upgrade to Plus' button. The main content area features a quiz card for '4th Grade Math: Multiplication Quiz' with a 'Teacher Verified' badge, '22 Questions', and statistics like '380K Plays' and '1.9K Favorites'. Below the card are buttons for 'Host Game', 'Play Solo', and 'Assign HW'. To the right, a list of six multiplication questions is shown, with a 'Show all answers' button at the top. A large QR code is positioned to the right of the questions. At the top right, a user profile for 'MrP123123' is visible. At the bottom right of the question list, there are icons for a percentage and a 20-second timer.

Blooket

Create

Discover

My Sets

Favorites

History

Homework

Play

Settings

Upgrade to Plus

Teacher Verified

Blooket

4th Grade

22 Questions

4th Grade Math: Multiplication Quiz

Blooket

380K Plays 1.9K Favorites

Last Updated: Dec 11, 2024

Host Game

Play Solo

Assign HW

Show all answers

MrP123123

Question 1

What is the result of 4 multiplied by 5?

Question 2

Solve the following multiplication: 6 multiplied by 3

Question 3

What is the product of 7 multiplied by 9?

Question 4

Solve the multiplication problem: 8 multiplied by 2.

Question 5

What is the result of 3 multiplied by 10?

Question 6

Solve the following multiplication: 9 multiplied by 4

20 sec

<https://play.blooket.com/play?hwId=69713dbf1b380a3b64088ef7>

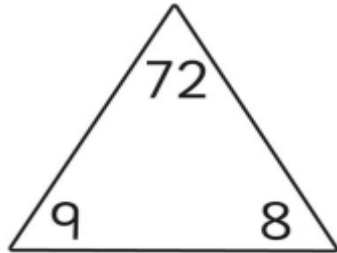
Year 5:

Open lunch

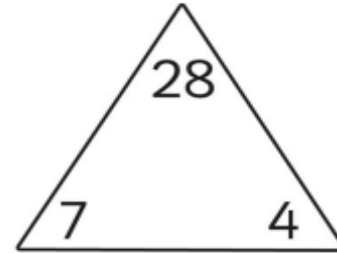
21.1.26

To use different methods
for multiplication

Fact families are really useful to know:



$$\begin{array}{l} \square \times \square = \square \\ \square \times \square = \square \\ \square \div \square = \square \\ \square \div \square = \square \end{array}$$



$$\begin{array}{l} \square \times \square = \square \\ \square \times \square = \square \\ \square \div \square = \square \\ \square \div \square = \square \end{array}$$

Extension: Can you give your partner a multiplication. Can they write the fact family for that multiplication.

Using known facts to solve problems:

$$30 \times 4 =$$



$$300 \times 70 =$$



$$90 \times 80 =$$



$$120 \times 4 =$$



Multiplication Strategies:

Multiplication Strategies

Equal Groups

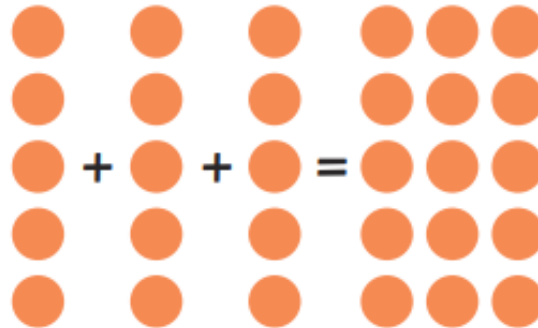
Use the same number of ones in each group.



$$3 \times 5 = 15$$

Multiplication Strategies

Repeated Addition



$$3 \times 5 = 15$$

Multiplication Strategies

Column Method

4-digit \times 2-digit regrouping not shown

5368 Write the numbers above each other
 \times 24 in the columns.

$$\begin{array}{r} 5368 \\ \times 24 \\ \hline 1472 \end{array}$$

Multiply 5368×4

$$\begin{array}{r} 5368 \\ \times 20 \\ \hline 21472 \\ \hline 107360 \end{array}$$

Multiply 5368×20

$$\begin{array}{r} 21472 \\ + 107360 \\ \hline 128832 \end{array}$$

Add the products.

$$5368 \times 24 = 128\,832$$



Using formal written methods. by a 1-digit number

$$3,211 \times 3 = \underline{\hspace{2cm}}$$

Th	H	T	O

	3	2	1	1	
×				3	
	<hr/>				
	<hr/>				

Here is a question for you to complete.

$$3,211 \times 3 = \underline{\hspace{2cm}}$$


Thousands	Hundreds	Tens	Ones

	3	2	1	1	
×				3	

Let's make 3,211 on the place value chart.

Here is a question for you to complete.

$$3,211 \times 3 = \underline{\hspace{2cm}}$$

Thousands	Hundreds	Tens	Ones
			

	3	2	1	1	
×				3	
	<hr/>				
	<hr/>				

Let's make 3,211 on the place value chart.

Here is a question for you to complete.

$$3,211 \times 3 = \underline{\hspace{2cm}}$$

Thousands	Hundreds	Tens	Ones
1,000 1,000 1,000	100 100	10	1

	3	2	1	1	
×				3	










As we are multiplying by 3, we need 3 lots of this number.

Activity 1

Multiply a 4-digit number by a 1-digit number

Here is a question for you to complete.

$$3,211 \times 3 = \underline{\hspace{2cm}}$$

Thousands	Hundreds	Tens	Ones
			
			
			

	3	2	1	1	
×				3	
	<hr/>				
	<hr/>				

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1,000 1,000 1,000	100 100	10	1
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	3	2	1	1	
×				3	

Now we need to add each column. Which column do we start with?

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Thousands	Hundreds	Tens	Ones
1,000 1,000 1,000	100 100	10	1
1,000 1,000 1,000	100 100	10	1
1,000 1,000 1,000	100 100	10	1

	3	2	1	1	
×				3	

Now we need to add each column. Which column do we start with?

We always start with the ones column!

Activity 1

Multiply a 4-digit number by a 1-digit number

Here is a question for you to complete.

$$3,211 \times 3 = \underline{\hspace{2cm}}$$

Thousands	Hundreds	Tens	Ones
1,000 1,000 1,000	100 100	10	1
1,000 1,000 1,000	100 100	10	1
1,000 1,000 1,000	100 100	10	1

	3	2	1	1	
×				3	

We can see 3 ones. Do we need to make an exchange?

Activity 1

Multiply a 4-digit number by a 1-digit number

Here is a question for you to complete.

$$3,211 \times 3 = \underline{\hspace{2cm}}$$

Thousands	Hundreds	Tens	Ones
1,000 1,000 1,000	100 100	10	1
1,000 1,000 1,000	100 100	10	1
1,000 1,000 1,000	100 100	10	1

	3	2	1	1	
×				3	
	9	6	3	3	

Activity 1

Multiply a 4-digit number by a 1-digit number

Here is a question for you to complete.

$$3,211 \times 3 = \underline{9,633}$$

Thousands	Hundreds	Tens	Ones
1,000 1,000 1,000	100 100	10	1
1,000 1,000 1,000	100 100	10	1
1,000 1,000 1,000	100 100	10	1

	3	2	1	1	
×				3	
	9	6	3	3	

Multiply a 4-digit number by a 1-digit number

Can you complete the word problem?

There are 2,214 seats in a theatre. The theatre is fully booked for 3 shows. How many people attend overall?

	2	2	1	4	
×				3	

What is the answer?

Your turn to have a go..

$$\begin{array}{r} 4 \ 2 \ 6 \\ \times \quad \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \ 4 \ 2 \ 6 \\ \times \quad \quad \quad 3 \\ \hline \end{array}$$

Have a go...

Correct or incorrect?

$$\begin{array}{r} 452 \\ \times 3 \\ \hline 12156 \\ \hline \end{array}$$

Have a go...

Correct or incorrect?

$$\begin{array}{r} 3168 \\ \times \quad 4 \\ \hline 12442 \\ \hline \end{array}$$

Missing Numbers

Calculate the missing number using formal methods.

$$\begin{array}{r} 7 \\ \times 4 \\ \hline 2684 \\ \hline \end{array}$$

Missing Numbers

Calculate the missing number using formal methods.

$$\begin{array}{r} _0_4 \\ \times \quad 5 \\ \hline 45170 \\ \hline \end{array}$$

TASK:

Give your partner a 4-digit number and a 1-digit number for your partner to solve.

TASK: Challenge

Can your partner multiply their 4-digit number by a 2-digit number of your choice?

Missing Numbers

$$\begin{array}{r} 2364 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 4368 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 1368 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 9366 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 1364 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 3368 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 1361 \\ \times 6 \\ \hline \end{array}$$

This can be repeated with any number of 1000s, so 8 more.

Write a missing number multiplication calculation with several solutions for a partner to solve.

Missing Numbers answers

$$\begin{array}{r} 2364 \\ \times 4 \\ \hline 9456 \end{array}$$

$$\begin{array}{r} 4368 \\ \times 2 \\ \hline 8736 \end{array}$$

$$\begin{array}{r} 1368 \\ \times 2 \\ \hline 2736 \end{array}$$

$$\begin{array}{r} 9366 \\ \times 1 \\ \hline 9366 \end{array}$$

$$\begin{array}{r} 1364 \\ \times 4 \\ \hline 5456 \end{array}$$

$$\begin{array}{r} 3368 \\ \times 2 \\ \hline 6736 \end{array}$$

$$\begin{array}{r} 1361 \\ \times 6 \\ \hline 8166 \end{array}$$

This can be repeated with any number of 1000s, so 8 more.

Write a missing number multiplication calculation with several solutions for a partner to solve.

TASK:

1. In a garden there is space for 20 rows of 14 seeds in a flower bed. How many seeds are in a flower bed?

2. There are 15 rows of 20 stickers on a sheet. How many stickers are there on a sheet?

3. There are 35 rows of 24 dominoes. How many dominoes are there altogether?

4. There are 38 boxes of cereal on a shelf. How many boxes on 10 shelves?

What can you do at home to help?

- TTRS or Blooket
- BBC Bitesize
- Topmarks
- YouTube
- Singing / rapping / chanting
- Car journeys
- Post-it notes
- Walking up and down the stairs
- Tricks
- Any opportunity, ask a question?
- Real life problems - supermarket

Current TTRS

play.ttrockstars.com/ttrs/online/tournaments?t=battle-of-the-bands

Search for users, classes and resources

BEAT GRAVILICIOUS ROCK LEGEND

Battle Of The Bands Rock Slams Top Of The Rocks England Rocks NSPCC Rocks

Battles Custom Battle Groups

+ New Battle

In play Coming up Completed

REVENGE !
CREATED BY: Mr Nicholas Parker
IN PLAY
ENDS 23 JAN 26 - 08:00

4J 453 5P 445

Edit Battle Resources Group Results Player Results

Average Score Total Score ☒ Hide leaderboards from students' view

Updates every minute. Last updated 21 Jan, 10:08:11

4J	16,315
5P	14,693

The Showdown
CREATED BY: Mr Nicholas Parker
IN PLAY
ENDS 23 JAN 26 - 08:30

4L 475 5K 3

50P vs 6J
CREATED BY: Mr Nicholas Parker
IN PLAY
ENDS 23 JAN 26 - 08:30

6J 40 50P 33

09:11 22/01/2026

Thank you for attending

Any questions?

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