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4th Grade Math: Multiplication Quiz

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Host Game

Play Solo **Assign HW**

Teacher Verified

Show all answers

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

MrP123123



20 sec

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

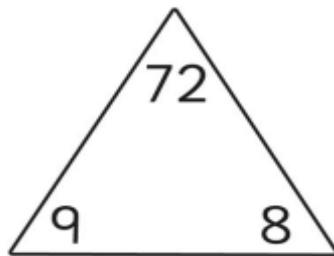
Year 5:

Open lunch

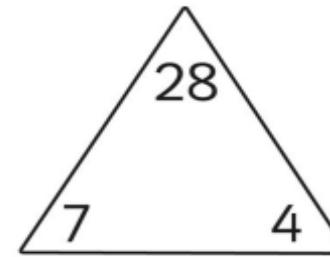
21.1.26

To use different methods
for multiplication

Fact families are really useful to know:



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<input type="text"/>	÷	<input type="text"/>	=	<input type="text"/>
<input type="text"/>	÷	<input type="text"/>	=	<input type="text"/>

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

Using known facts to solve problems:

$30 \times 4 =$



$300 \times 70 =$



$90 \times 80 =$



$120 \times 4 =$

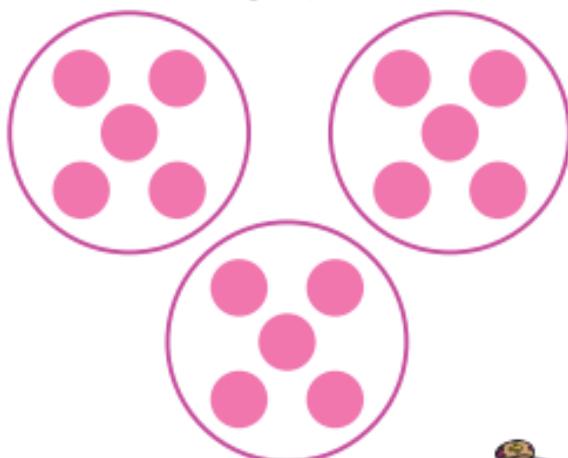


Multiplication Strategies:

Multiplication Strategies

Equal Groups

Use the same number of ones in each group.

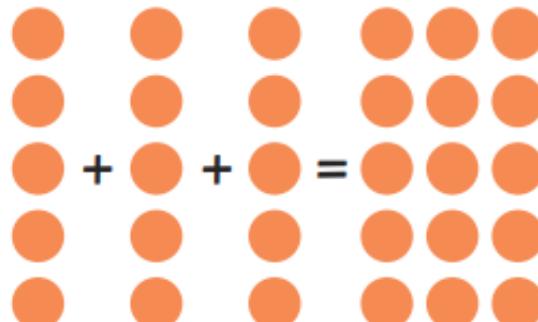


$$3 \times 5 = 15$$



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.

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

$$\begin{array}{r} 5368 \\ \times 24 \\ \hline 21472 \\ 107360 \\ \hline 128832 \end{array}$$

21472
+ 107360 Add the products.
 \hline
128832

$$5368 \times 24 = 128832$$



Using formal written methods:

$$3,211 \times 3 = \underline{\quad \quad \quad}$$

Th	H	T	O

	3	2	1	1	
×				3	

Here is a question for you to complete.

$$3,211 \times 3 = \underline{\quad \quad \quad}$$

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.

$$3,211 \times 3 = \underline{\quad \quad \quad}$$

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

3	2	1	1		
×				3	

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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.

$$3,211 \times 3 = \underline{\quad \quad \quad}$$

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	

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1,000 1,000 1,000	100 100	10	1
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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?

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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.

$$3,211 \times 3 = \underline{\quad \quad \quad}$$

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.

$$3,211 \times 3 = \underline{\quad \quad \quad}$$

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..

4 2 6

x 3

3 4 2 6

x 3

Have a go...
Correct or incorrect?

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

Have a go...
Correct or incorrect?

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

Missing Numbers

Calculate the missing number using formal methods.

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

Missing Numbers

Calculate the missing number using formal methods.

$$\begin{array}{r} \underline{0} \underline{4} \\ \times \quad 5 \\ \hline 45170 \end{array}$$

TASK:

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

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

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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

5OP vs 6J CREATED BY: Mr Nicholas Parker

IN PLAY ENDS 23 JAN 26 - 08:30

6J 40 5OP 33

Search

09:11 22/01/2026

Thank you for attending

Any questions?

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