

Diving into Mastery - Diving

Adult Guidance with Question Prompts

Children use the five times table to complete a number track and write calculations based on the pictures. They use their ability to count in fives to find the answers.

Which numbers are missing from the number track?

How do you know?

What do you notice about the ones digit in these numbers?

Can you count in fives to find out how many marshmallows there are?

Why will counting in fives help you to count the amount of money?

How will you use counting in fives to help you find how many 5p coins are in 50p?

Can you think of any other amounts that could be made using only 5p coins?

The 5 Times Table



Complete the number track.

5		15		25	30			45	
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How many marshmallows are on the 7 cakes?



Write the multiplication calculation:

How much money is shown here in total?



Write the multiplication calculation:

Alice has 50p. How many 5ps is that?
Use the calculation to help.

$$50p = \underline{\quad\quad} \times 5p$$



Diving into Mastery – Deeper

Adult Guidance with Question Prompts

There are three statements about the five times table for children to consider. They must say if they agree or not and give reasons. They could use practical equipment to help if necessary.

What is 0×5 ?

Is the answer always the same when multiplying by zero? Why?

Is Aman correct?

Does it matter which way round we write the calculation?

What does the = symbol mean?

Does this calculation make sense both ways?

Is Jin correct?

Can you list all the multiples of five up to 60?

What do you notice about the ones column?

Do you think this will always be true?

Why?

Is Alice correct?

The 5 Times Table



Aman

$$0 \times 5 = 5$$



Jin

$5 \times 3 = 15$ is the same as $15 = 5 \times 3$.



Alice

All the multiples of 5 have 0 or 5 ones.

Do you agree with the children?
Explain your answer.

Diving into Mastery – Deepest

Adult Guidance with Question Prompts

Children solve problems related to hot chocolate toppings. They should write the related calculations and count in fives to work out the total cost. They also need to use the facts they know to work out how many fives make a given total. Remind children to use the units of money in their answer.

How many toppings has (child's name) chosen?

How much is each topping?

How can we find out the total cost?

Can you write an addition calculation?

Can you write a multiplication calculation?

Can you count in fives to help you?

If you know how much the adult spent, can you work out how many toppings they had?

How?

Which toppings would you choose?

How much would that cost?

Can you write a calculation to show this?



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The 5 Times Table



At the café, all hot chocolate toppings are 5p.



Alice chose cream, a flake and strawberry sauce.

Aman asked for marshmallows, fudge, cream and nuts.

Jin had all the toppings.

Write a calculation for each child to show how much each of them spent.

Alice's mum spent 25p on toppings.

Aman's dad spent 30p on toppings.

Jin's Grandma spent 10p on toppings.



**How many toppings did they each have?
Write a calculation for each adult.**

**What toppings would you have?
Work out the cost.**