

KIRF: I know the 6 and 9 times table (x and ÷)

A times table is a list of multiples of the given number. They are very important for many calculations. This half term, the children will be learning their 6 and 9 times tables including the division facts.

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|--------------------|------------------|---------------------|-------------------|
| $1 \times 6 = 6$ | $6 \div 6 = 1$ | $9 \times 1 = 9$ | $9 \div 9 = 1$ |
| $2 \times 6 = 12$ | $12 \div 6 = 2$ | $9 \times 2 = 18$ | $18 \div 9 = 2$ |
| $3 \times 6 = 18$ | $18 \div 6 = 3$ | $9 \times 3 = 27$ | $27 \div 9 = 3$ |
| $4 \times 6 = 24$ | $24 \div 6 = 4$ | $9 \times 4 = 36$ | $36 \div 9 = 4$ |
| $5 \times 6 = 30$ | $30 \div 6 = 5$ | $9 \times 5 = 45$ | $45 \div 9 = 5$ |
| $6 \times 6 = 36$ | $36 \div 6 = 6$ | $9 \times 6 = 54$ | $54 \div 9 = 6$ |
| $7 \times 6 = 42$ | $42 \div 6 = 7$ | $9 \times 7 = 63$ | $63 \div 9 = 7$ |
| $8 \times 6 = 48$ | $48 \div 6 = 8$ | $9 \times 8 = 72$ | $72 \div 9 = 8$ |
| $9 \times 6 = 54$ | $54 \div 6 = 9$ | $9 \times 9 = 81$ | $81 \div 9 = 9$ |
| $10 \times 6 = 60$ | $60 \div 6 = 10$ | $9 \times 10 = 90$ | $90 \div 9 = 10$ |
| $11 \times 6 = 66$ | $66 \div 6 = 11$ | $9 \times 11 = 99$ | $99 \div 9 = 11$ |
| $12 \times 6 = 72$ | $72 \div 6 = 12$ | $9 \times 12 = 108$ | $108 \div 9 = 12$ |

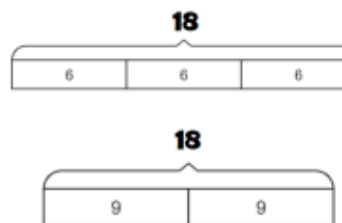
Concrete



$$6 \times 2 = 18$$

What can this look like

Pictorial



Abstract

Six multiplied by ___ is equal to thirty
Nine multiplied by ___ is equal to thirty six

$$6 \times \bigcirc = 24$$

$$\bigcirc \div 9 = 3$$

Questions

What is 6 multiplied by 8?

What is 9 lots of 4?

What is 54 divided by 9?

Key Vocabulary

9 multiplied by 3 is equal to 27

2 times 6 and 6 times 2 are equivalent

54 shared by 6 is equal to 9

72 divided by 9 equals 8

Activity Ideas

Chants- Practice chanting the times table.

Double your 3's (for your 6's) - $3 \times 4 = 12$ double 12 equals 24. So $6 \times 4 = 24$

Use 10 times table (for your 9's) - Multiply a number by 10 then subtract off the original number. E.g. $7 \times 10 = 70$ subtract off the original number $70 - 7 = 63$ so $9 \times 7 = 63$

Websites:

<https://www.topmarks.co.uk/maths-games/hit-the-button>

<https://www.timestables.co.uk/>

Things to challenge

If your child becomes confident with these multiplications try them with missing number questions e.g. $9 \times \underline{\quad} = 54$ or $\underline{\quad} \div 6 = 11$

