



# KIRF: I know the 8 times table ( $\times$ and $\div$ )

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 8 times tables including the division facts.

**Questions to ask at home**


What is 8 multiplied by 7?  
 What is 9 times 8?  
 What is 32 divided by 8?

**Key vocabulary**

8 multiplied by 3 is equal to 24  
 2 times 8 and 8 times 2 are equivalent  
 32 shared by 4 is equal to 8  
 40 divided by 8 equals 5

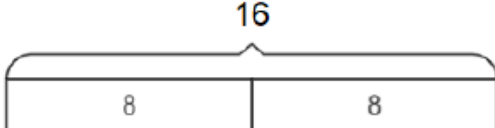
**What can this look like? –**

Concrete:



$8 \times 2 = 16$

Pictorial:



$8 \times 2 = 16$

Abstract:

$4 \times 8 = 32$      $32 \div 8 = 4$   
 $5 \times 8 = 40$      $40 \div 8 = 5$

**Things to challenge**

If your child becomes confident with these multiplications try them with missing number questions e.g.

$8 \times \bigcirc = 24$     or     $\bigcirc \div 8 = 7$

**Things to try**

**Chants-** Practice chanting the times table.

**Double your 4's** – Multiplying a number by 8 is like multiplying by 4 and then doubling.  $8 \times 4 = 32$  so double  $32 = 64$ , therefore  $8 \times 8 = 64$

**Five Six Seven Eight** – fifty six is seven times eight ( $56 = 7 \times 8$ )

**Websites:**

<https://ttrockstars.com/> - Ask your teacher to set your TT Rockstar account to focus on the 8's.

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

$8 \times 1 = 8$	$1 \times 8 = 8$	$8 + 8 = 1$	$8 \div 1 = 8$
$8 \times 2 = 16$	$2 \times 8 = 16$	$16 + 8 = 2$	$16 \div 2 = 8$
$8 \times 3 = 24$	$3 \times 8 = 24$	$24 + 8 = 3$	$24 \div 3 = 8$
$8 \times 4 = 32$	$4 \times 8 = 32$	$32 + 8 = 4$	$32 \div 4 = 8$
$8 \times 5 = 40$	$5 \times 8 = 40$	$40 + 8 = 5$	$40 \div 5 = 8$
$8 \times 6 = 48$	$6 \times 8 = 48$	$48 + 8 = 6$	$48 \div 6 = 8$
$8 \times 7 = 56$	$7 \times 8 = 56$	$56 + 8 = 7$	$56 \div 7 = 8$
$8 \times 8 = 64$	$8 \times 8 = 64$	$64 + 8 = 8$	$64 \div 8 = 8$
$8 \times 9 = 72$	$9 \times 8 = 72$	$72 + 8 = 9$	$72 \div 9 = 8$
$8 \times 10 = 80$	$10 \times 8 = 80$	$80 + 8 = 10$	$80 \div 10 = 8$
$8 \times 11 = 88$	$11 \times 8 = 88$	$88 + 8 = 11$	$88 \div 11 = 8$
$8 \times 12 = 96$	$12 \times 8 = 96$	$96 + 8 = 12$	$96 \div 12 = 8$