

Focus 1	Focus 2	Focus 3	Focus 4	Focus 5	Focus 6
Number bonds to 100	3 Times table	6 Times table	4 Times table	8 Times table	Convert between different units of time



Learn these facts off by heart

Children should know their number bonds to 100. Some of this may include:

$70 + 30 = 100$

$45 + 55 = 100$

$90 + 10 = 100$

$87 + 13 = 100$

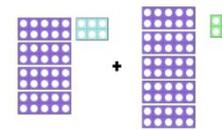
$25 + 75 = 100$

$60 + 40 = 100$

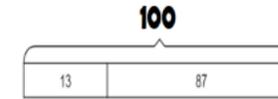
$61 + 39 = 100$

$15 + 85 = 100$

What does this look like?



Concrete
Representation



Pictorial
Representation

$49 + \bigcirc = 100$
 $100 - \bigcirc = 72$

Abstract
Representation

What to do at home

Chants: Chanting the number bonds.

Everyday Objects: Gather together objects and separate them in as many different ways as possible, write the calculation to match each one.

Use your number bonds to 10: Think about your number bonds to 10 and how they might help you. E.g. $4+6=10$ therefore $40+60=100$

Key Vocabulary

25 **add** 75 **equals** 100

55 **plus** 45 is **the same as** 100

100 **take away** 6 **equals** 94

100 **subtract** 37 **makes** 63

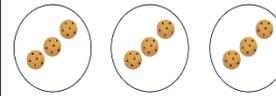
The **difference** between 91 and 100 is 9



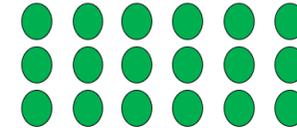
Learn these facts off by heart

$1 \times 3 = 3$	$3 \div 3 = 1$
$2 \times 3 = 6$	$6 \div 3 = 2$
$3 \times 3 = 9$	$9 \div 3 = 3$
$4 \times 3 = 12$	$12 \div 3 = 4$
$5 \times 3 = 15$	$15 \div 3 = 5$
$6 \times 3 = 18$	$18 \div 3 = 6$
$7 \times 3 = 21$	$21 \div 3 = 7$
$8 \times 3 = 24$	$24 \div 3 = 8$
$9 \times 3 = 27$	$27 \div 3 = 9$
$10 \times 3 = 30$	$30 \div 3 = 10$
$11 \times 3 = 33$	$33 \div 3 = 11$
$12 \times 3 = 36$	$36 \div 3 = 12$

What does this look like?



Concrete Representation



Pictorial Representation

3 multiplied by 7 = 21
 $7 \times 3 = 21$ & $3 \times 7 = 21$
 21 divided by 3 = 7
 $21 \div 3 = 7$

Abstract Representation

What to do at home

Chanting: Say the times table facts out loud, 1 times 3 is 3, 2 times 3 is 6 etc.

Double Trouble! One child calls a number from 1-12. Others race to shout the answer to $3 \times$ that number. Make it competitive or play in teams.

Websites: Times Tables Rock Stars and Timestables.co.uk

Key Vocabulary

Multiply: Adding equal groups a certain number of times, e.g. $4 \times 3 = 3 + 3 + 3 + 3 = 12$. Can also be referred to as **groups of** or **lots of**.

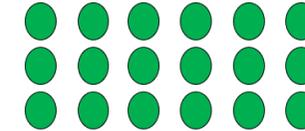
Divide: **Sharing** or **grouping** numbers/objects into equal groups, e.g. $30 \div 3 = 10$



Learn these facts off by heart

$1 \times 6 = 6$	$6 \div 6 = 1$
$2 \times 6 = 12$	$12 \div 6 = 2$
$3 \times 6 = 18$	$18 \div 6 = 3$
$4 \times 6 = 24$	$24 \div 6 = 4$
$5 \times 6 = 30$	$30 \div 6 = 5$
$6 \times 6 = 36$	$36 \div 6 = 6$
$7 \times 6 = 42$	$42 \div 6 = 7$
$8 \times 6 = 48$	$48 \div 6 = 8$
$9 \times 6 = 54$	$54 \div 6 = 9$
$10 \times 6 = 60$	$60 \div 6 = 10$
$11 \times 6 = 66$	$66 \div 6 = 11$
$12 \times 6 = 72$	$72 \div 6 = 12$

What does this look like?



$1 \times 6 = 6$	$6 \div 6 = 1$
$2 \times 6 = 12$	$12 \div 6 = 2$
$3 \times 6 = 18$	$18 \div 6 = 3$
$4 \times 6 = 24$	$24 \div 6 = 4$
$5 \times 6 = 30$	$30 \div 6 = 5$
$6 \times 6 = 36$	$36 \div 6 = 6$
$7 \times 6 = 42$	$42 \div 6 = 7$
$8 \times 6 = 48$	$48 \div 6 = 8$
$9 \times 6 = 54$	$54 \div 6 = 9$
$10 \times 6 = 60$	$60 \div 6 = 10$
$11 \times 6 = 66$	$66 \div 6 = 11$
$12 \times 6 = 72$	$72 \div 6 = 12$

**Concrete
Representation**

**Pictorial
Representation**

**Abstract
Representation**

What to do at home

Chanting: Say the times table facts out loud, 1 times 6 is 6, 2 times 6 is 12 etc.

Double Trouble! One child calls a number from 1-12. Others race to shout the answer to $6 \times$ that number. Make it competitive or play in teams.

Websites: Times Tables Rock Stars and Timestables.co.uk

Key Vocabulary

6 **multiplied by** 4 is **equal to** 24

2 **times** 6 and 6 times 2 **are equivalent**

54 **shared by** 6 is **equal to** 9

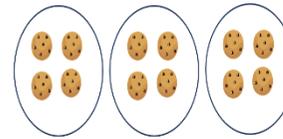
66 **divided by** 6 **equals** 11



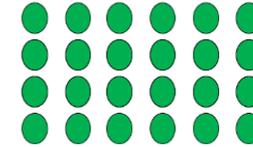
Learn these facts off by heart

$1 \times 4 = 4$	$4 \div 4 = 1$
$2 \times 4 = 8$	$8 \div 4 = 2$
$3 \times 4 = 12$	$12 \div 4 = 3$
$4 \times 4 = 16$	$16 \div 4 = 4$
$5 \times 4 = 20$	$20 \div 4 = 5$
$6 \times 4 = 24$	$24 \div 4 = 6$
$7 \times 4 = 28$	$28 \div 4 = 7$
$8 \times 4 = 32$	$32 \div 4 = 8$
$9 \times 4 = 36$	$36 \div 4 = 9$
$10 \times 4 = 40$	$40 \div 4 = 10$
$11 \times 4 = 44$	$44 \div 4 = 11$
$12 \times 4 = 48$	$48 \div 4 = 12$

What does this look like?



Concrete
Representation



Pictorial
Representation

4 multiplied by 3 = 12
 $4 \times 3 = 12$ & $3 \times 4 = 12$
 12 divided by 4 = 3
 $12 \div 4 = 3$

Abstract
Representation

What to do at home

Chanting: Say the times table facts out loud, 1 times 4 is 4, 2 times 4 is 8 etc.

Double Trouble! One child calls a number from 1-12. Others race to shout the answer to $4 \times$ that number. Make it competitive or play in teams.

Websites: Times Tables Rock Stars and Timestables.co.uk

Key Vocabulary

Multiply: Adding equal groups a certain number of times, e.g. $4 \times 3 = 4 + 4 + 4 = 12$. Can also be referred to as **groups of** or **lots of**.

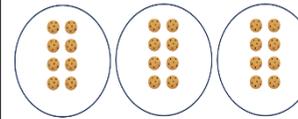
Divide: **Sharing** or **grouping** numbers/objects into equal groups, e.g. $40 \div 4 = 10$



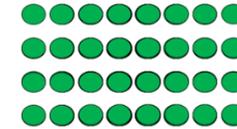
Learn these facts off by heart

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

What does this look like?



**Concrete
Representation**



**Pictorial
Representation**

8 multiplied by 3 = 24
 $8 \times 3 = 24$ & $3 \times 8 = 24$
 24 divided by 8 = 3
 $24 \div 8 = 3$

**Abstract
Representation**

What to do at home

Chanting: Say the times table facts out loud, 1 times 8 is 8, 2 times 8 is 16 etc.

Double Trouble! One child calls a number from 1-12. Others race to shout the answer to $8 \times$ that number. Make it competitive or play in teams.

Websites: Times Tables Rock Stars and Timestables.co.uk

Key Vocabulary

Multiply: Adding equal groups a certain number of times, e.g. $8 \times 3 = 8 + 8 + 8 = 24$. Can also be referred to as **groups of** or **lots of**.

Divide: **Sharing** or **grouping** numbers/objects into equal groups, e.g. $80 \div 8 = 10$



K_{ey} I_{nstant} R_{ecall} F_{acts} Convert between different units of time

Learn these facts off by heart

There are 60 seconds in a minute.
There are 60 minutes in an hour.
There are 24 hours in a day.
There are 7 days in a week.
There are 12 months in a year.
There are 365 days in a year.
There are 366 days in a leap year.

Number of days in each month

January	31	July	31
February	28/29	August	31
March	31	September	30
April	30	October	31
May	31	November	30
June	30	December	31

What to do at home

Rhymes: Months of the year

30 days have September,
April, June and November
All the rest have 31,
Except for February alone
Which has 28 days clear
And 29 in a leap year.

Key Vocabulary

There are **24 hours** in a day

In a **leap year** there is an **extra day** in February.

There are **60 minutes** in an hour and **120 minutes** in **two hours**.

How many days are in **one year**?

How many days are in **a leap year**?

What day comes before **February 1st**?