



Summer 1

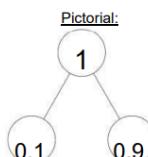
Learning Focus: Know decimal number bonds to 1 and 10.

By the end of this half term, children should know the following facts. The aim is for them to recall these facts instantly.

Representations

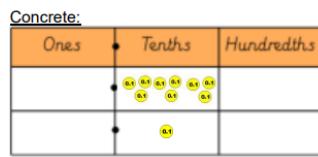
Decimal number bonds to 1.

$0.1 + 0.9 = 1$
 $0.2 + 0.8 = 1$
 $0.3 + 0.7 = 1$
 $0.4 + 0.6 = 1$
 $0.5 + 0.5 = 1$
 $0.7 + 0.3 = 1$
 $0.8 + 0.2 = 1$
 $0.9 + 0.1 = 1$



Decimal number bonds to 10.

$1.1 + 8.9 = 10$ $2.1 + 7.9 = 10$
 $1.2 + 8.8 = 10$ $2.2 + 7.8 = 10$
 $1.3 + 8.7 = 10$ $2.3 + 7.7 = 10$
 $1.4 + 8.6 = 10$ $2.4 + 7.6 = 10$
 $1.5 + 8.5 = 10$ $2.5 + 7.5 = 10$
 $1.6 + 8.4 = 10$ $2.6 + 7.4 = 10$
 $1.7 + 8.3 = 10$ $2.7 + 7.3 = 10$
 $1.8 + 8.2 = 10$ $2.8 + 7.2 = 10$
 $1.9 + 8.1 = 10$ $2.9 + 7.1 = 10$



Key Vocabulary

- Complements
- Decimal number
- Number bonds
- Sum

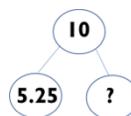
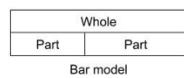
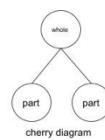
In addition, a number and its complement make a total e.g. 0.3 is the complement of 0.7 to make 1
A number with a decimal point.
Pairs of numbers that add together to make another number.
The result of an addition

Getting Started

The secret to success is practising little and often. Use time wisely. Can you practise these KIRFs while walking to school or during a car journey? You do not need to practise them all at once; perhaps you could have a fact of the day. If you would like more ideas, please speak to your child's teacher.

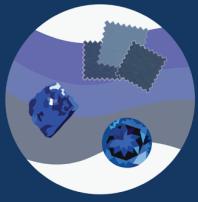
Suggested Activities

- **Part part whole** - Use the part part whole model to create your own decimal number bonds. How many ways can you make 1? How many ways can you make 10?
- **Use money** - how many ways can you make £1? E.g. 0.90p + 0.10p
- **Beat the clock** - You have 10 seconds to answer as many questions as you can. Each correct answer will earn you one second of extra time. The game ends when the time runs out or an incorrect answer is given.



Useful Websites

- [White Rose Maths](#)
- [StudyZone: Decimal Number Bonds](#)
- [TopMarks: Paint the Squares](#)
- [TopMarks: Hit the Button](#)



Whitehill
Primary School & Nursery