

Target: Recall all numbers, including decimals to 2dp, that total to 1 or 10

By the end of this half term, children in Year 6 should know the following facts and be able to recall them instantly:

Number bonds to 10	(multiples of 10)	100 (2 digit numbers)	0.1+0.9
0+10	0+100	1+99	0.2+0.8
1+9	10+90	2+98	0.3+0.7
2+8	20+80	3+97...	0.4+0.6
3+7	30+70	12+88...	0.01+0.99
4+6	40+60	25+75...	0.73+0.27
5+5	50+50	49+51	
Number bonds to 100	Number Bonds to	One decimal Place	

- Key Questions**
- How many ways can you make fifteen using pairs of addends?
 - What number goes with seventeen to make 100?
 - What is the matching bond to 0.7 to make 1.

- Vocabulary**
- Sum
 - Total
 - Multiple of ten
 - Decimal
 - Decimal place
 - Integer
 - Number bond
 - Addend

Top Tips

The secret to success? Practise little and often! Can you learn these on your way to school? On a car journey? Or even at the breakfast table? You don't need to learn them all at once: start with those you are more confident with before tackling the rest. Why not practise whilst keeping active? You could throw and catch or kick a ball whilst learning them!

Play games!

- Make some cards with number bonds to 100 eg 34 on one side and 66 on the other shuffle the cards, read the number on top and say the matching number bond (check the your answer on the reverse)
- Play Ping Pong with a partner: A says Ping 52 then B responds Pong 48
- Throw or bounce a ball with one person shouting a 2 digit number/decimal then throwing the ball to their partner who shouts back the matching number bond
- Buy one get three free! If your child knows one fact (e.g. $0.7 + 0.3 = 1$), can they tell you the other three facts in the same fact family?

Useful websites (games and information):

- [Decimal Number Bonds to 1 Worksheets \(math-salamanders.com\)](http://math-salamanders.com)
- [Decimal Number Bonds | Oak National Academy \(thenational.academy\)](http://thenational.academy)
- [Decimals number bonds to 1 and 10 | Teaching Resources \(tes.com\)](http://tes.com)
- [Conker Maths - Conker KIRFs - Number Bond Pairs](#)
- [Decimal-number-bonds-to-1 worksheet | Live Worksheets](#)
- [Number bonds of 100 - Teaching resources \(wordwall.net\)](http://wordwall.net)