



Oscar – Numeracy and Maths Guru

Doubling Numbers

Hi there, it's me again! I have seen Miss Gray showing you how to double numbers.

First of all you really have to master your doubles and halves to 20 – this is exactly the same as multiplying and dividing by 2.

Practise counting on and back to 20 in 2s.

Use dry pasta to practise adding two groups of the same single digit together (doubling), or sharing an even number of pasta shapes into two groups (halving).

Don't use cooked pasta; it is way too messy and way too tasty (you will not get much work done)!

Once you are feeling a bit more confident try splitting a pack of playing cards and shouting out the double before the older people in your house have time to think about it! If you don't have playing cards you can just get someone at home to hold up some fingers and you can frighten the living daylights out of them by shouting the double at them as loudly as you can!

Once you have mastered the single digits you can start to work with bigger numbers using partitioning.

All you have to do is double your tens and then double your units and add them together.

Why not challenge someone at home to a doubles race?

Start with a single digit and see how many times you can double the number in one minute.

e.g. 2-4-8-16-32-64-128-256-512-1024

DOUBLES and NEAR DOUBLES

Double 48	48 + 47
Double 40 = 80	Double 48 - 1
Double 8 = 16	96 - 1 = 95
80 + 16 = 96	

Double 37	37 + 38
Double 30 = 60	Double 37 + 1
Double 7 = 14	74 + 1 = 75
60 + 14 = 74	