

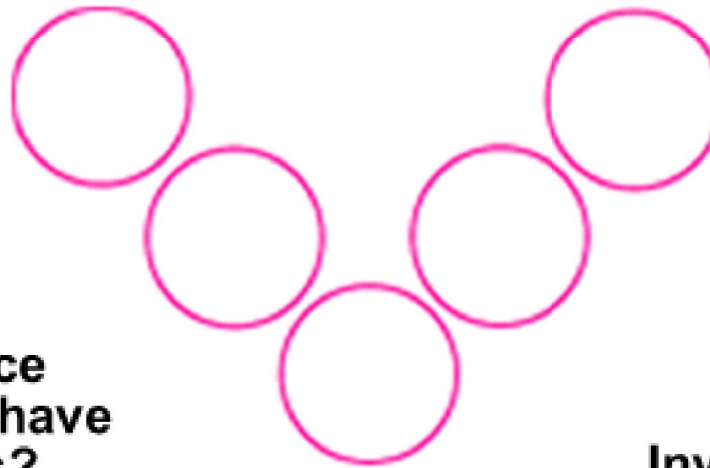
Magic Vs



Place each of the numbers
1 to 5 in the V shape so
that the two arms of the V
have the same total.

How many different
possibilities are
there?

Can you convince
someone that you have
all the solutions?



What happens if we
use the numbers
from 2 to 6? From
12 to 16? From 37
to 41? From 103 to
107?

Investigate the same
problem with a V that
has arms of length 4.

Thousands more problems can be found on
the NRICH Maths website:

www.nrich.maths.org