

Challenge: 12.12.12
Maths worksheets from mathsblog.co.uk (thanks to urbrainy.com)


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## Answers

Look for a methodical, well ordered approach.
Some possibilities:
$111+222=333$
$112+221=333$
$112+212=324$
$112+122=234$
$121+221=342$
$121+212=333$
$121+122=243$
$122+211=333$
$122+121=243$
$122+112=234$
$211+221=432$
$211+212=423$
$211+122=333$
$212+211=423$
$212+121=333$
$212+112=324$
$221+211=432$
$221+121=342$
$221+112=333$
$222+111=333$
Decision: can some of these can be eliminated as being the same e.g. $222=111$ and $111+222$
Extension: try adding three 2-digit numbers eg $22+12+11$

