

What do you notice about all your answers?

## Addition: How many ways?

Maths worksheets from mathsblog.co.uk

## Answers

These mini investigations are all about logical thinking, trying things out, working in a systematic way, recording information and checking that results have not been duplicated. They should also be fun. Most young children will not work in a systematic way, will repeat results and miss results - that is to be expected. But, over time they should begin to develop these skills. This investigation is good at encouraging working in a methodical way, starting with the smallest numbers, or starting with the largest numbers.

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Possibilities:
$2+2+2=6 \quad 2+2+4=8 \quad 2+2+6=10 \quad 2+2+8=12$
$2+4+4=10$
$2+4+6=12$
$2+4+8=14$
$2+6+6=14$
$2+6+8=16$
$2+8+8=18$
$4+4+4=12 \quad 4+4+6=14 \quad 4+4+8=16$
$4+6+6=16 \quad 4+6+8=18$
$4+8+8=20$
$6+6+6=18 \quad 6+6+8=20$
$6+8+8=22$
$8+8+8=24$
All the answers are even.
(Remember: $2+4+6$ is the same as $6+4+2$ )
Lots more like this on the MathSphere, 'It's All Figured Out' worksheet CD www.mathsphere.co.uk
Maths activities for young children at www.urbrainy.com

