

7.4 SOLVE IT

7. PROBLEM

Objective: Solve problems using addition, subtraction, doubling and halving.

Instructions

1. Make a set of 0-9 cards and make a low 3-digit number, e.g. 275
2. Add the digits together, e.g. $2 + 7 + 5 = 14$
3. Now complete that many step ups
4. Now pick another two cards and make a new 2-digit number, e.g. 36
5. Add those digits together (e.g. $3 + 6 = 9$) and do that many star jumps
6. Add the 3-digit number and 2-digit number together (so $275 + 36 = 311$)
7. Subtract the 2-digit number from the 3-digit number ($275 - 36 = 239$).

Challenge

Can you double each number? Can you double the total? Can you halve either number?
Can you find half of the subtracted answer?
Is either number divisible by 3, 4, 5, 6 or 10?

