

### 3 PUZZLES

#### 1 Write a problem with my answer



Have a race to see who can use any of  $+$ ,  $-$ ,  $\times$  and  $\div$  and any numbers to write equations with these answers.

a 50      b 100      c 35

Your equation must have at least one  $+$  or  $-$  and at least one  $\times$  or  $\div$ .

#### 2 Think of a number puzzle

- a Think of a number.
- b Multiply it by 3.
- c Add 8.
- d Double this sum.
- e Subtract 4.
- f Divide the answer by 6.
- g Subtract the number you first thought of.

Try this with different numbers.  
What do you notice?



#### 3 Challenge

Make up your own **think of a number** puzzle that always gives the same answer.



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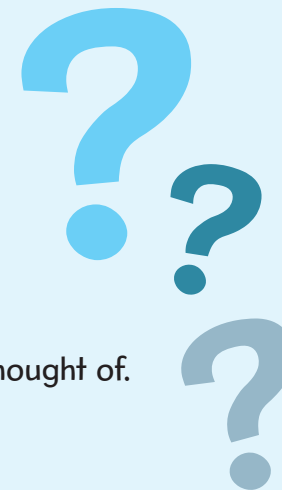
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