

# Problems of the Day 2020



- 1 Use  $<$ ,  $>$  or  $=$  to make these number sentences correct.

$$9 \times 7 \bigcirc 8 \times 7$$

$$48 \div 2 \bigcirc 48 \div 4$$

$$300 \times 2 \bigcirc 20 \times 30$$

- 2 There are 1,500 children in a school.  
565 of the children are girls.  
How many more boys than girls are in the school?  
 $1,500 - 565 = 935$   
 $935 - 565 = 370$   
There are 370 more boys than girls.

- 3 Mr Patel writes a number on the board.

- Leon finds  $\frac{1}{2}$  of the number.
- Sophie finds  $\frac{1}{3}$  of the number and gets the answer 14.
- Leon's number is 7 more than Sophie's.

What is the number Mr Patel started with? This bar model may help you.

21			21		
7	7	7	7	7	7

Mr Patel started with 42

