



- Choose who is **A** and who is **B**.

Play each of these games **10 times** and record who wins.

Game 1

- Both **A** and **B** write down a whole number from 2 to 9.
- If one number is a factor of the other, then **A** wins.
If not, then **B** wins.

Is the game fair or unfair? How do you know?



Game 2

- Write the numbers 0 to 9 on separate pieces of paper.
- Screw the pieces up and mix them up.
- Each take one piece without looking and unscrew it.
- If the number is a prime number, **A** wins.
Otherwise **B** wins.

Is this game fair or unfair?
How do you know?

