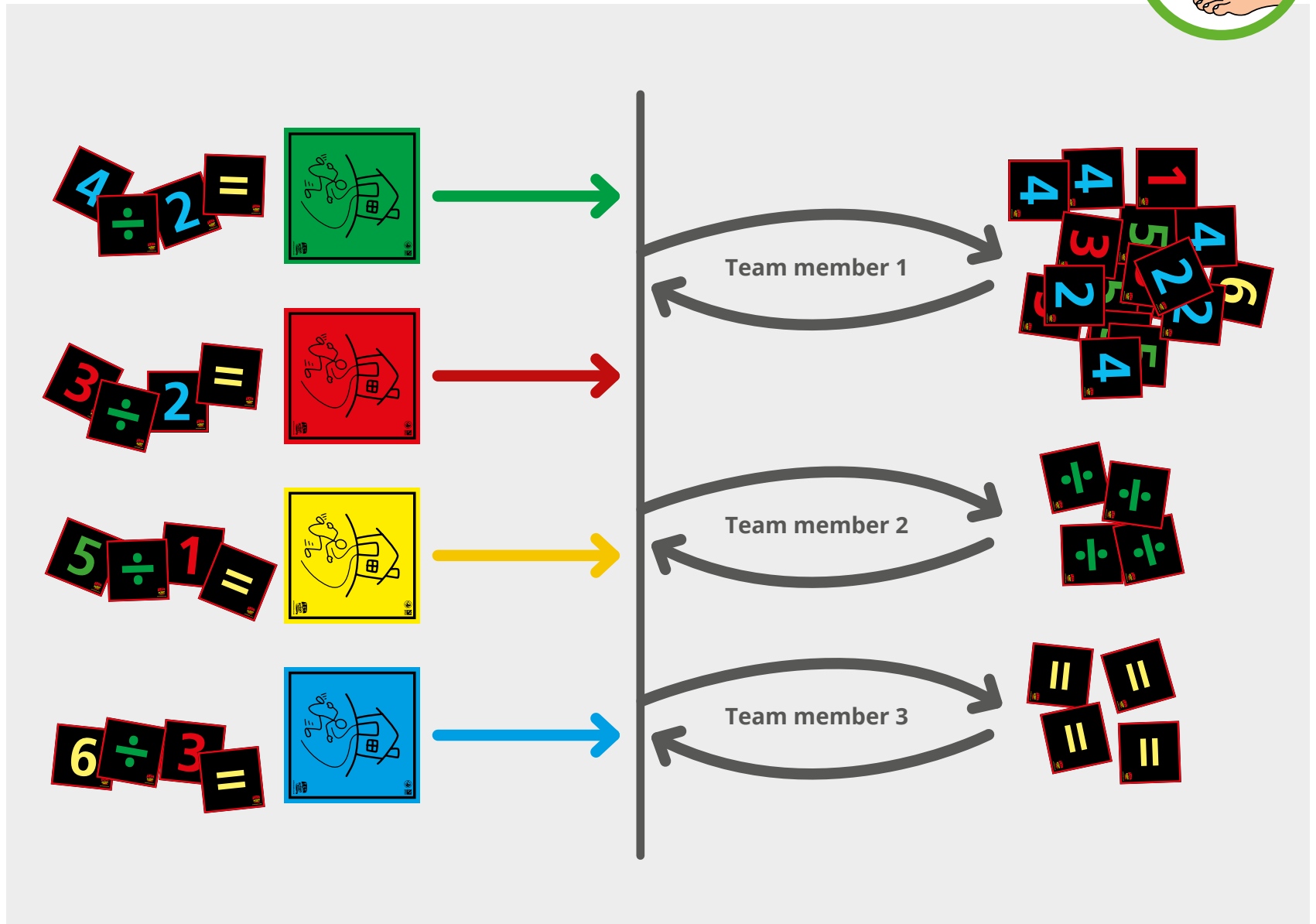
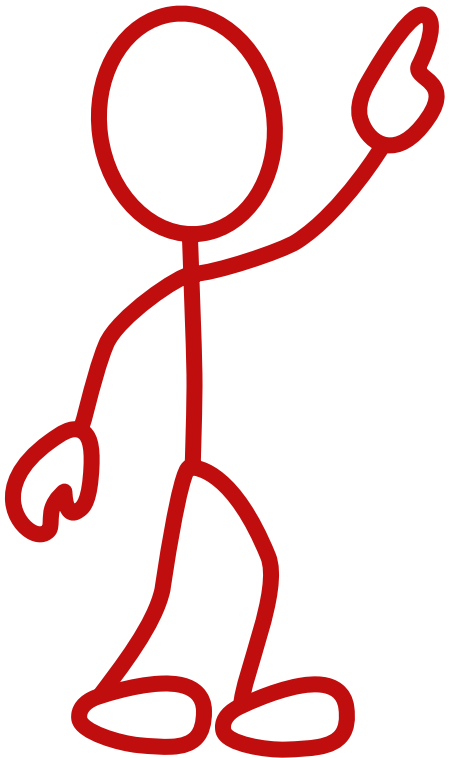


Division  
challenge





## Year

6

## Focus

Division

## What's needed

Home Mats

### Action Mats required:

as many as needed for the class

### Maths mats required:

Single and double digit mats,  $\div$  and  $=$

## Warm Up

### Place Value Pandemonium

Students work individually and jog in the space allocated in random directions. The teacher tells the children to listen to the number they are calling out and focus on a particular unit within that number, for example the tens. So if the teacher calls out the number 24 the students need to pick out the number 2 and perform an action 2 times. If the number called was 154, the students pick out the number 5 and perform an action 5 times.

Try this game using hundreds, thousands, ten thousands etc.

## Main task

### Division challenge

Students will need a pencil and paper for this task.

Students should be grouped into 4s or 6s for this game. Each group should be allocated to a Home Mat. All team members stand behind the Home Mat apart from the person who is first in the queue who stands on the Home Mat.

The first person in the team runs to the Maths Mats and collects 2 or 3 numbers and brings them back to the home mat. The second person then does the same but collects the  $\div$  mat. The third person runs to collect a single digit number and the final person collects the  $=$ .

When a complete equation has been collected the students must try and solve the equation as quickly as possible as individuals.

The student who gets the correct answer first wins a point. The game continues until somebody from the team gets 5 points.

The game can be played multiple times with the order of the students changing each time. Alternatively, the winners of the first round could be grouped together for the next round to make the task more competitive.