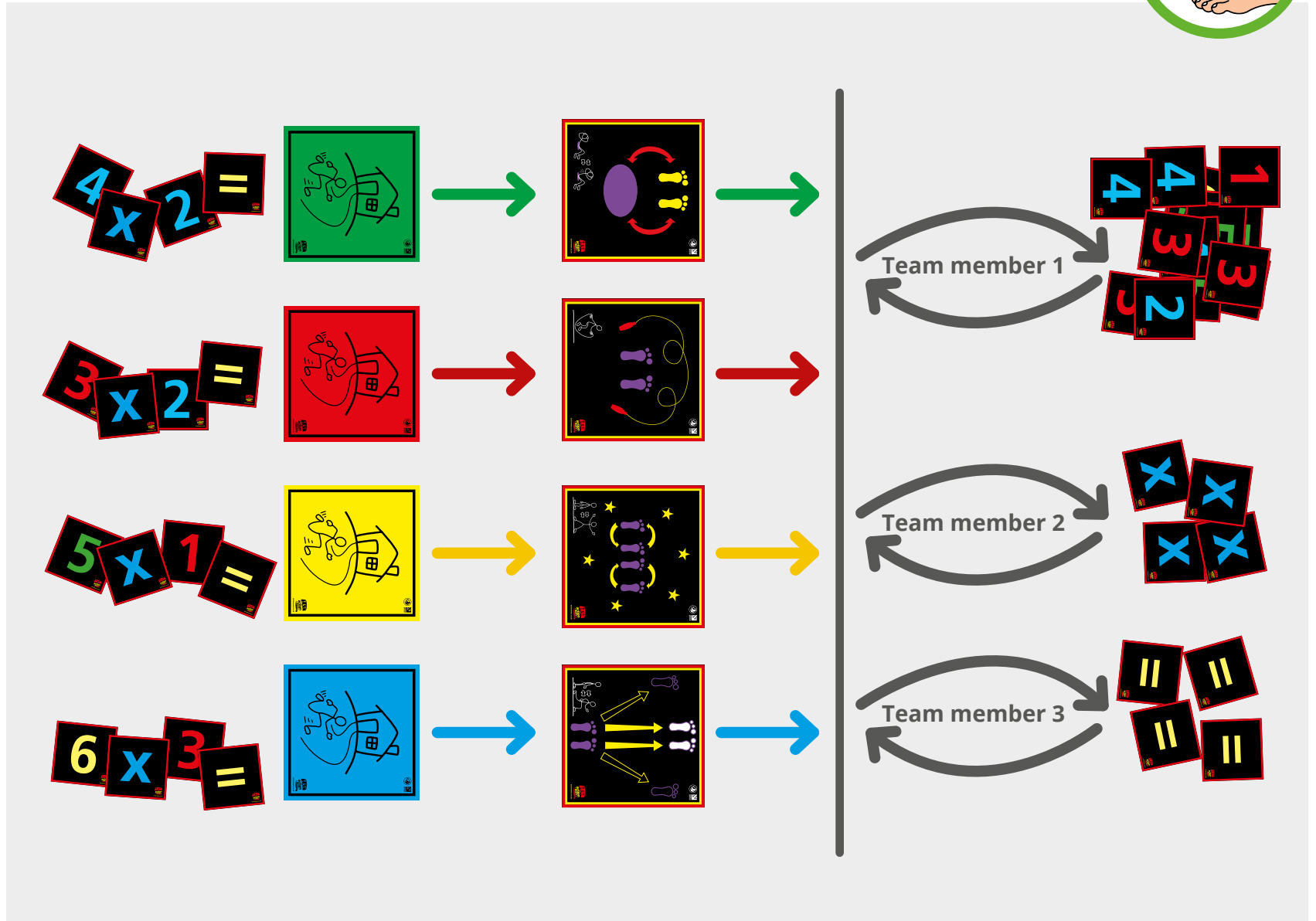
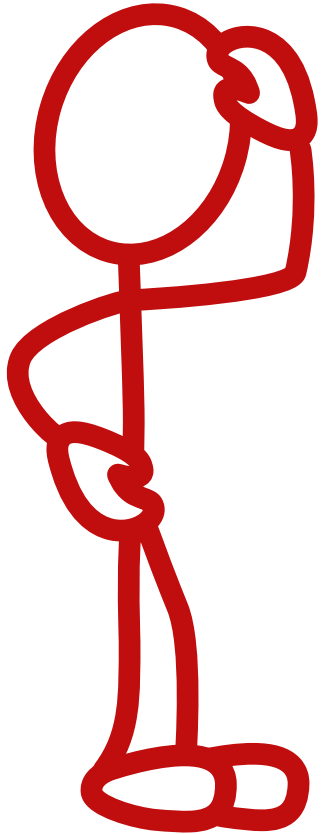


Multiplying Fractions





Year

6

Focus

Multiplying Fractions

What's needed

Home mats

Action Mats required:

Action Mats

Maths mats required:

Single and double digit mats, X, = and Fraction mats

Warm Up

Fraction Fun

Students work individually and jog in the space allocated in random directions. When the teacher calls out a fraction the students have to group themselves into groups representing that fraction.

For example: if you have 24 students and call out $\frac{1}{4}$ they have to get into groups of 6.

Main task

Multiplying Fractions

Students should be grouped into 4s. 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 students take it in turns running to the Action Mats and performing 5 repetitions of the action before running to the Maths Mats. Once they get to the Maths Mats they collect either a Fraction Mat, X Mat, or = Mat before running it directly back to their Home Mat.

The second person in the group does the same, as does the third and fourth until the team have two fraction mats, one X mat and one = mat.

The group then arrange their Maths Mats to form a multiplication equation. The team then tries to work out the answer (you might want to provide each team with a pack of pens and paper so they can work out the sum on paper) and then, when they think they have the answer, one person from the team runs to collect two number mats that can be arranged to represent the new fraction.

More able students might not be given pen and paper to work out the answers.