



Multiplication race

Year

3

Focus

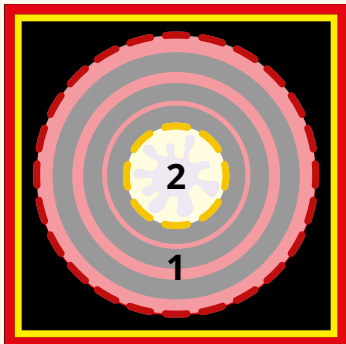
Times tables

What's needed

x4 Home Mats

Action Mats required:
Target Mats, four Shuttle Run Mats

Maths mats required:
Single digit mats, x and =



0



The illustration shows a multiplication race track with four lanes, each starting with a 'Home Mat' (a house with a person) and ending with a 'Target Mat'. A dashed line shows the path from the Home Mat to the Target Mat. Solid arrows show the direction of the race. Shuttle Run Mats (two sets of three arrows) are placed on the path. A pile of various math mats (numbers, x, =) is on the right side of the track.

- Green Lane:** Home Mat (green) with equation $2 \times 3 =$. Target Mat (green) with a green arrow pointing to the center. Shuttle Run Mats (green).
- Red Lane:** Home Mat (red) with equation 3×2 . Target Mat (red) with a red arrow pointing to the center. Shuttle Run Mats (red).
- Yellow Lane:** Home Mat (yellow) with equation $6 \times 1 =$. Target Mat (yellow) with a yellow arrow pointing to the center. Shuttle Run Mats (yellow).
- Blue Lane:** Home Mat (blue) with equation $3 \times$. Target Mat (blue) with a blue arrow pointing to the center. Shuttle Run Mats (blue).

On the right side of the track, there is a pile of math mats including numbers (1-6), multiplication symbols (x), and equals signs (=).



Warm Up

Multiplication Corners

Place a 2-digit number in each corner of the room. Children circulate the room and when the whistle is blown move to a number of their choice. Call out a multiplication where the answer is one of those 2 digit numbers. The children in this corner gain a point. Repeat several times.

Main task

Multiplication race

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 student standing on the home mat should have a bean bag.

The teacher shouts out a number (ensure it is in the focus times tables for your group. The students have to think of a multiplication that equates to the number shouted by the teacher. This is done by completing the following task:

After the teacher shouts out the number the first person from each group throws their beanbag onto the Target Mat. If their beanbag lands on the middle of the target they are allowed to run and collect two Maths Mats. If they hit the target, but not the middle, they can collect one Maths Mat, but if they miss the target all together they cannot collect a Maths Mat. They must bring the Maths Mat back to their team and also collect their teams' beanbag on their return to the Home mat.

When the student gets back to their group they place the number(s)/multiplication symbol/ equals symbol on the floor to the side of their Home Mat and pass the beanbag to the next person in the team. As soon as the mat(s) is on the floor the next student in the queue repeats the task. The students who are waiting for their turn should arrange the collected numbers into multiplications that equate to the number shouted by the teacher.

The winning team is the team that is first to create a correct multiplication.



More able groups could use answers that are outside the normal 12 times tables