

'Multiples Game'

Teacher Talk:

This is a fast **warm-up or tools** activity.

Can be **repeated** many times, using different multiples of your choice.

Minimal preparation and equipment.

Choose which multiple you would like the students to work on, **e.g multiples of 6**

A game for 2 players

Each player needs:

Maths **workbook**

Each pair needs:

10 sided **die** (1-10)

What to do-

- Tell the students the chosen number for today, e.g. 6: "We will be using the **multiples of 6**"
- Each player **lists the multiples** of the chosen number (up to the 10th multiple) in a column down the side of their page, e.g. if the chosen number is 6, each player lists the multiples of 6, from 6-60
- Players then take turns to **roll the die**.
- Each player **multiplies the number rolled, with the chosen focus number**, e.g. 6, so if a player rolls 4, they multiply **4 X 6**
- They record the **matching number sentence**, and it's **turn around fact**, next to the **matching multiple**.
- If the space for the number sentence **has already been filled, miss a turn**.
- **First player** to fill in number sentences for **all their multiples** is the winner.

*e.g. this is how the game looks when the **chosen multiple is 6**. Each player sets up a game board like below in their book, with multiples of 6, all the way to 60. This player first rolls a **4**, so records **4 x 6** and it's **turn around fact, 6 x 4**, next to the **product, 24***

Multiples	X Fact	Turn-Around Fact
6		
12		
18		
24	4 x 6	6 x 4
30 etc.		

Teacher Talk: remember to draw attention to the strategies that students are using, as they do their calculations. The aim is to make the strategies explicit, by **discussing and exploring student thinking**. See Mfacts121 Strategy Videos for ideas.