

Long Multiplication



Objective

Multiply 2 x two-digit numbers using long multiplication



Equipment

- Orienteering Control Markers
- Enrich School Orienteering Map
- Activity Sheets
- Clipboard (suggested)



Preparation

- Select and print Activity Sheets.



Instructions

- Teacher to assign groups of 2 or 3 to their starting points.
- Pupils use the Enrich school orienteering map to locate their starting point and each of the control points indicated on the Activity Sheets.
- At each control point, pupils fill in the four numbers from the control marker on their Activity Sheet.
- Pupils combine the 1st and 2nd, 3rd, and 4th numbers together to create 2 two-digit numbers.
- They set these numbers up as a long-multiplication sum (using the 'Work it Out' section of the Activity Sheet).
- They then complete the sum they have made and record the answer on their Activity Sheet.
- Alternatively, children could set up the sum at each marker and then complete the sums when they return to the classroom.



Other information

- As a follow-up activity, pupils could revisit markers and devise their own long multiplications, using the marker numbers.
- This activity could also be adapted to use questions involving 3 digits \times 1 or 2 digits.
- Remind pupils of the teacher's location for the task.
- Pupils to complete their first 5 questions and report back to the teacher.
- After a quick check the pupils can carry on with the activity.

