

Dividing by 10 and 100



Objective

Using decimal notation for division of whole numbers by 10 and 100.



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 Sheet.
- At each control point, pupils record either the 3rd and 4th numbers or the 2nd, 3rd, and 4th numbers from the control marker (as instructed on their Activity Sheet).
- They then combine the numbers to create either a two or three-digit number.
- Pupils then divide the number they have created by either 10 or 100 (as instructed on their Activity Sheet) and record their answer as a decimal on their Activity Sheet.



Other information

- As an extension activity, higher ability pupils could divide each two-digit number that they have made by 1000 and show their answer as a decimal.
- Teachers could highlight links with this activity to multiplying by 0.1 and 0.01

