Place Value and Money Unit 2

Problem solving and reasoning questions

Describe in words what happens to a number when we multiply by 10.

Now explain WHY it happens – you may draw a picture if it helps.

Write the missing numbers:

(a) ☐ x 10 = 550

(b) 100 x 39 = ☐

(c) ☐ ÷ 10 = 60

(d) 17 x ☐ = 170

(e) 500 ÷ ☐ = 5

(f) ☐ x 10 = 990

Write the result number in each chain:

5 x 100 ÷ 10 x 10 ÷ 100 = ☐

300 ÷ 10 ÷ 10 x 10 x 10 = ☐

40 x 10 ÷ 100 x 10 = ☐

Invent your own chain where you end up back at your starting number.

These questions should be provided for children to do once the unit has been completed. They assess the children's mastery of the skills and concepts in this unit.