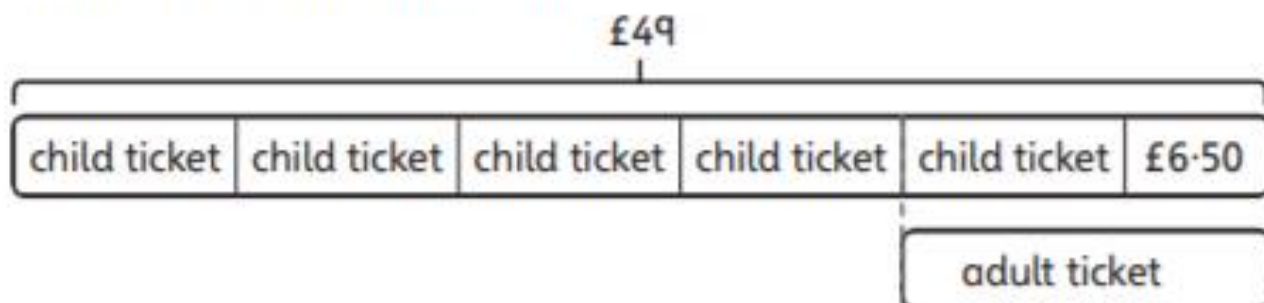


# Problem solving – four operations **1**

**1** Entry to a castle costs £6.50 more for adults than for children.

The cost for a family with one adult and four children is £49.

What is the cost of each ticket?



**2** A supermarket needs to deliver 270 online shopping orders.

A van can carry 25 orders at a time.

How many van trips are needed to deliver all the orders?



**3** A supermarket sells mixed bags of 6 lemons and 4 limes.

There are 255 lemons and 171 limes to be put into bags.

a) How many mixed bags of lemons and limes can be made?



b) How many more lemons and limes are needed to complete another bag?



**4** Cups hold 0.25 l of water. Mugs hold 375 ml of water.

Jen fills 5 cups and 5 mugs with water.

How much more water does she use altogether for the mugs than for the cups?

