

## School Trip

Work out how many children are taking their own packed lunch on the school trip using the clues below

30 children are going on the trip	The trip costs £5 including lunch
The teacher travels free	Some children pay £5
Some children take their own packed lunch	The trip costs £3 if children take their own packed lunch
The 30 children pay a total of £110	There are choices of packed lunch at no extra cost



### Learning and Teaching Objectives

- Identify the given facts and prioritise them
- Choose and use a recording system to organise the given information
- Check the answer meets all the criteria

## School Trip Solution

Multiple of £5 + Multiple of £3 = £110			
Multiple of £5 ends in 0 or 5	Multiple of £3 must end in 0 or 5	Total	Number of children
5	105	110	36
20	90	110	34
35	75	110	32
50	60	110	30
65	45	110	28
80	30	110	26
95	15	110	24
110	0	110	22