olving money problems

se all four operations to solve problems involving oney using decimal notation, including scaling

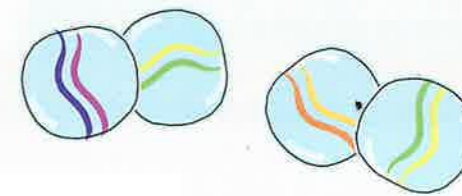Look at the calculations on each side of the boxes. Choose from the symbols **<**, **=** and **>** to make each statement true.

a $451 \div 9$ $362 \div 4$ b $442 \div 2$ 32×8

c $72 + 8$ $640 \div 8$ d $348 \div 4$ 26×6

e 56×8 $1624 \div 4$ f 63×9 $624 - 47$

g $26 - 7$ $28 \div 4$ h $560 \div 80$ 70×7

i $4535 \div 5$ $1000 - 94$ j $252 \div 7$ $28 + 8$

1 The multi-storey car park charges £7 per car. In one morning they take £2366. How many cars were parked?

2 A group of 8 friends have collected 1072 football cards. On average, how many cards is this per person?

3 A syndicate of 8 friends won £4526 in a lottery. They shared the money equally between them. How much did they receive each?

4 The school went on an end of year trip to the seaside. 867 children and 56 adults went. Each child paid £4 and each adult paid £7. What was the total cost?

Maurice McQuif

5 1233 marbles are divided between 9 classes. On average how many did each class receive?

6 To attend the museum trip, each child is asked to contribute £6. There are 89 children attending. If the trip costs £600, how much extra does the school have to add?

7 Josh earns 3 times more per week than Bob. Bob earns half of what Mary earns in a week. If Mary earns £386 per week, how much does Josh earn?

8 In a school of 855 students, there are twice as many girls as there are boys. How many boys and girls are there?

9 Watermelons cost 5 times more than pears. The greengrocer buys 68 watermelons at a cost of £204. How much does a pear cost?

10 I buy 3 brand A phones for £474. I also buy 5 brand B phones. I pay £1000 altogether. What is the difference in price between the price of a brand A and a brand B phone?

Challenge 3

1 Write five division calculations that have an answer of 354.

2 Write three multiplication and three division calculations that have an answer of £627.

3 Write five calculations that involve HTO and have an answer of between 500 and 600.

4 Write your own word problems involving money for these sets of calculations. Think carefully about the operation involved. Swap them with a friend to solve.

a $2000 - (167 \times 4)$ b $3564 \div 6$ c 365×9