Solving word problems (8)

Solve word problems and reason mathematically

Challenge 1

Match the division fact with its answer.

21   69 ÷ 3   64 ÷ 8   12   66 ÷ 2   33   24 ÷ 4

6   84 ÷ 4   8   36 ÷ 3   23

Challenge 2

1 The Year 3 children had a summer picnic. Use the pictures to solve the problems.

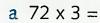| sandwiches 72 | cupcakes 56 | cartons of fruit juice 68 | slices of watermelon 81 | samosas 85 | ice creams 96 |

a The sandwiches were shared equally between 3 groups. How many sandwiches per group?

b The samosas were shared equally between 5 groups. How many samosas per group?

c The cartons of fruit juice were shared evenly amongst 2 classes. How many per class?

d 3 boxes of watermelon slices were eaten. How many slices altogether?

e The cook made another 4 boxes of sandwiches. How many more sandwiches did she make?

f The ice creams were divided between 4 classes. How many children in each class received an ice cream?

g There were 96 children at the picnic. How many children did not receive a carton of fruit juice?

2 Choose three of your calculations and check your answer using the inverse operation.

Challenge 3

Use the pictures above to make up your own word problems using these calculations.

a $72 \times 3 =$ 　　　b $96 \div 8 =$ 　　　c $85 + 72 =$ 　　　d $96 - 48 =$