

Multiply and Divide by 6

7. Stacey is organising biscuits into 6 jars.

She says,



I have 36 biscuits. How many will go in each jar?

Draw the correct number of biscuits in jars and write a multiplication and a division sentence to match.



VF
HW/Ext

8. Match the calculation to the correct division fact.

A. 9×6

1. $72 \div 6$

B. 12×6

2. $24 \div 6$

C. 4×6

3. $54 \div 6$



VF
HW/Ext

9. A farmer has 30 eggs left to sell. The eggs come in boxes of 6.

He says,



I have 4 boxes of eggs left to sell.

Explain the farmer's mistake. Prove it.



RPS
HW/Ext

Short Division

1a. The calculation below is incorrect. Explain why.

	1	3	2	
7	9	² 3	¹ 8	

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1b. The calculation below is incorrect. Explain why.

	1	6	2	
3	4	¹ 5	6	

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2a. Use two of the digit cards to create a calculation where the result has six ones. The number being divided must be greater than 215 and less than 600.

2
3
6

1

÷
2
=

PS

2b. Use two of the digit cards to create a calculation where the result has no tens. The number being divided must be greater than 150 and less than 950.

1
8
9

2
÷
4
=

PS

3a. At a conference there are 840 people and tables seat either 6, 7 or 8 people.

There are only 125 tables available and the organisers want to use as many tables as possible.

How many seats should they use at each table?

PS

3b. A school has 612 pupils. The headteacher is organising a treasure hunt and wants to arrange the pupils in groups of 3, 4 or 6.

Each group needs a compass and there are only 160 available in the school.

How many children should be in each group for the most compasses to be used?

PS