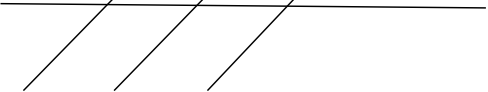


GCSE Maths worksheet 2

Name _____

Group _____

Don't use a calculator. Do all your working on this sheet. Answer all the questions.

1	<p>Work out 34×75 using the box method in the template below...</p> <table border="1" data-bbox="512 645 948 929"><tbody><tr><td>\times</td><td>70</td><td>5</td></tr><tr><td>30</td><td></td><td></td></tr><tr><td>4</td><td></td><td></td></tr></tbody></table>	\times	70	5	30			4			
\times	70	5									
30											
4											
2	<p>Work out 42×23 using the 'lattice' or 'Napier's bones' method in the template below...</p> <table border="1" data-bbox="560 1160 831 1429"><tbody><tr><td>4</td><td>2</td><td></td></tr><tr><td></td><td></td><td>2</td></tr><tr><td></td><td></td><td>3</td></tr></tbody></table> 	4	2				2			3	
4	2										
		2									
		3									
3	<p>Work out 51×27 using the 'traditional' columns method...</p>										

4	Work out $1760 \div 4$ using any method	
5	Calculate $360 \div 12$ using any method	
6	Find half of 720	
7	Freda is packing Christmas decorations. She puts 6 glass baubles in a pack. A box can hold 36 packs. The van can take 100 boxes. How many baubles can Freda fit in the van?	
8	Nathando has to pack 1200 washers into polythene bags with 8 washers in each. How many bags will Nathando need?	
9	A school is taking pupils to London by coach and you have been asked to hire the coaches. Each coach can take 46 children. The school has 360 pupils. a) How many coaches must you hire? b) It costs £400 to hire a coach for the trip. How much will the total cost be?	
10	Hilda wants to build a fence that is 16 metres long. She decides to put a fence post every 2 metres. How many fence posts will Hilda need including one at the beginning and one at the end?	