RATIOS IN THE FORM N:1

Answer all of these questions. Remember to show your working out in all questions.

MAIN QUESTIONS

1.	8:2	2.	15:3
3.	22:4	4.	36:6
5.	27:9	6.	42:7
7.	50:5	8.	33:3
9.	28:7	10.	45:9
11.	60:12	12.	72:8
13.	85:17	14.	96:12
15.	110:10	16.	126:14
17.	144:16	18.	165:15
19.	180:20	20.	198:18
21.	210:14	22.	234:13
23.	255:15	24.	272:16
25.	288:18	26.	306:17
27.	324:18	28.	342:19
29.	360:20	30.	380:19

MASTER QUESTIONS

M1. A recipe requires 300g flour and 60g sugar. Express the flour to sugar ratio in n:1 form.

M2. A map scale shows 12km represented by 4cm. Express the scale in n:1 form.

M3. A car travels 180 miles using 15 litres of petrol. Express the distance per litre in n:1 form.

M4. A rectangle has length 45cm and width 9cm. Express the length to width ratio in n:1 form.

M5. A mixture contains 250ml water and 50ml concentrate. Express the water to concentrate ratio in n:1 form.

M6. A worker earns £324 for 18 hours work. Express the earnings per hour in n:1 form.

M7. A garden is 24m long and 6m wide. Express the length to width ratio in n:1 form.

M8. A solution has 420g solute dissolved in 35g solvent. Express the solute to solvent ratio in n:1 form.

M9. A company's profit is £576 on sales of £36. Express the profit to sales ratio in n:1 form.

M10. A chemical reaction produces 306g product from 18g reactant. Express the product to reactant ratio in n:1 form.