

**Section A: Word Problems**

1. £37.75 ($2 \times £9.50 + 3 \times £6.25$)
2. 150 miles (60×2.5)
3. 1,125g (450g scaled from 6 to 15 people)
4. £36 ($£48 - 25\%$)
5. 300 litres ($\frac{3}{5}$ of 500)

Section B: Ratio, Algebra & Data

1. 16 girls (3:4 ratio, 12 boys = 4 per part, $4 \times 4 = 16$)
2. 9 ($45 \div 5$)
3. 18, and $2y = 36$
4. 20% cycle ($100 - 50 - 30$)
5. 39 (adding 7 each time: 4, 11, 18, 25, 32, 39)