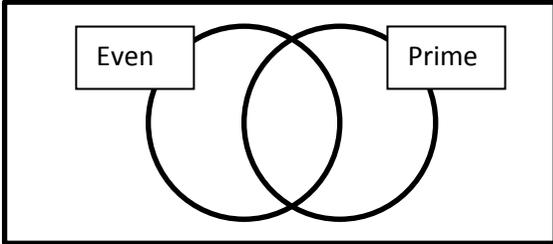
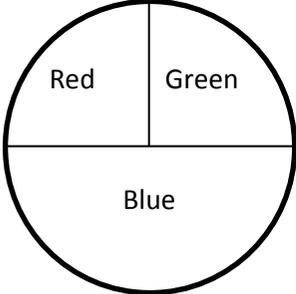
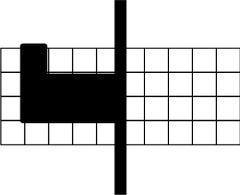
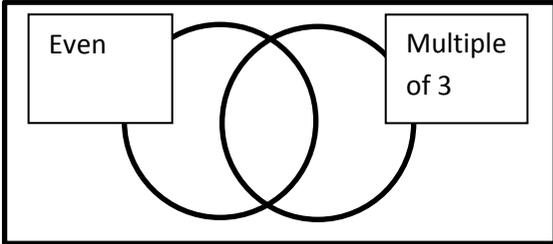
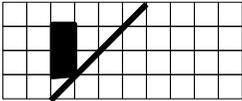
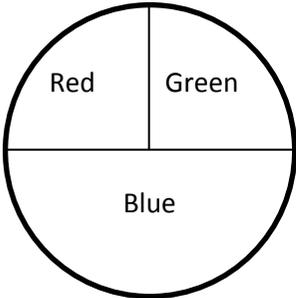
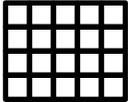
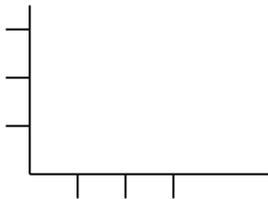
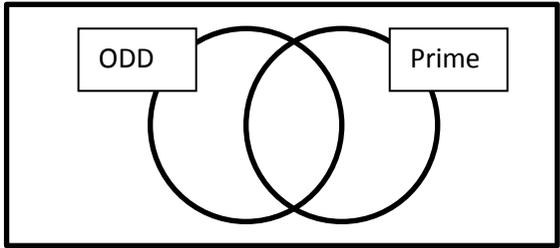
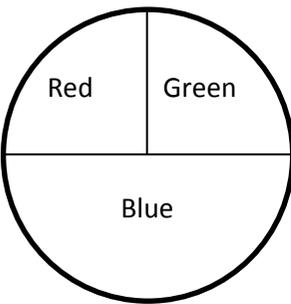
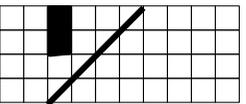
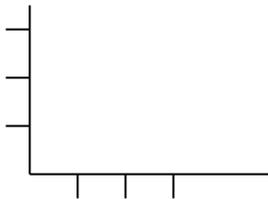
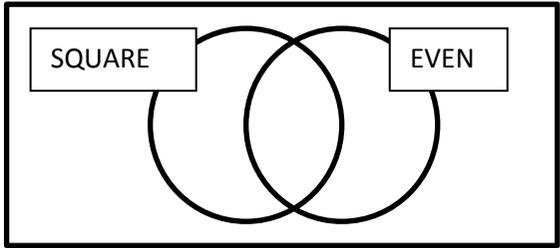
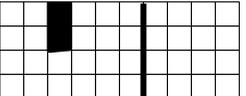
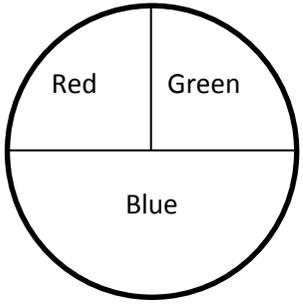
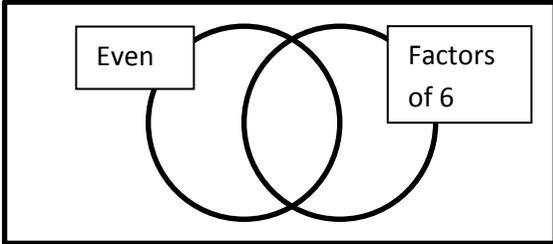
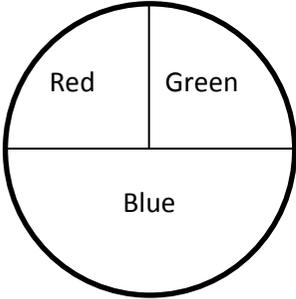
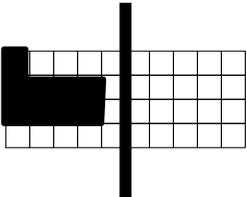


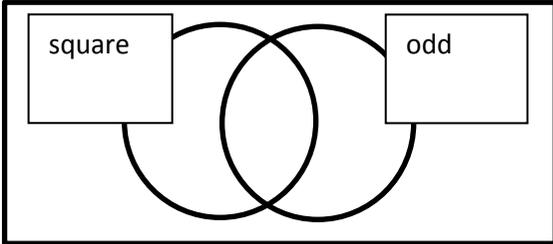
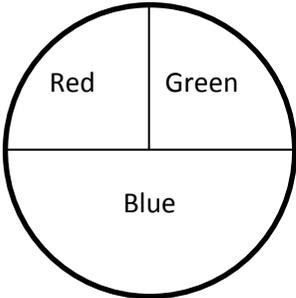
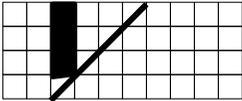
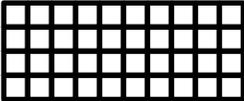
Section A: Numbers		Section C: algebra		Section E: handling data	
1. Find the next number in this sequence: 5, 7, 9, 11, 13,		13. Write down a formula to represent the number of days in n weeks		23. Put the numbers from 1 to 5 into the following Venn Diagram	
2. Write down the factors of 24		14. What is the missing coordinate of a rectangle if three of them are: (2,3) (2,8) (5,3) and (5,?)			
3. What is the missing number: $32 \times ? = 3200$		Section D: shape and space			
4i Write 0.25 as a fraction		15. What shape has only one pair of parallel sides?		24. 300 people were asked for their favourite colour. How many people said red? 	
4ii Write $3\frac{1}{2}$ as a top-heavy fraction		17. reflect the shape in the mirror line			
5. Order these decimals from smallest to largest: 0.32, 0.5, 0.42					
6i Jack has 8 red cubes and 20 blue cubes. Write the ratio of red cubes to blue cubes in its simplest form					
6ii A recipe for 6 people requires 120ml of milk. How much milk would you need for 2 people?		18. How many mm are there in 7cm		25. Write down the mode and range of: 3, 4, 5, 5, 6, 2, 1, 10	
Section B: Calculating		20. Measure the perimeter of this rectangle in mm			
7. Find $3215 - 367$					
8. Work out $4.5 \div 5$					
9. Work out $3.25 + 1.57$					
10. Work out 3.2×4					

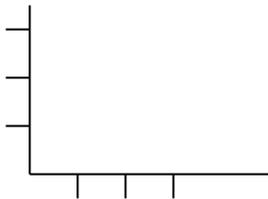
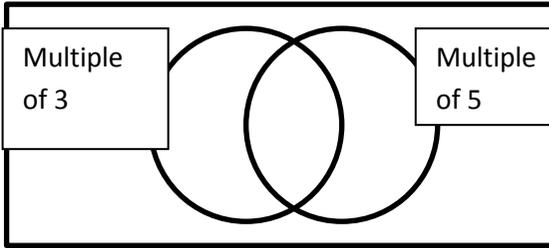
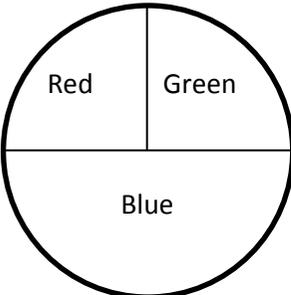
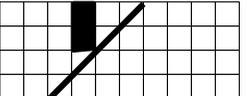
Section A: Numbers		Section C: algebra		Section E: handling data	
1.What is the missing term in this sequence: 7, 11, ?, 19, 23		14. Find the next coordinate in this pattern: (1,5) (2,7) (3,9) (?,?)		23.Put the following numbers in this VENN diagram: 8, 11, 12, 14, 21	
2.What is the 5 th square number?		Section D: shape and space			
3.What is the missing number: 42000 ÷ ? = 42					
4i Write 0.3 as a fraction		15. What shape is below:		24. 220 people were asked for their favourite colour. How many people said blue?	
4ii Write $4\frac{1}{3}$ as a top-heavy fraction					
5.Which is larger: 0.52 or 0.7		17. reflect the shape in the mirror line			
6i Write 10: 30 in its simplest form					
6ii If ten sweets cost 80 pence, how much would two sweets cost?		18.How many grams are there in 7 kilograms?			
Section B: Calculating		20. Find the area of this rectangle			
7. Find 42 + 374					
8.Work out 320 ÷ 8					
9.Work out 4.83 + 2.19					
10.Work out 1.8 × 2				25.Write down the mode for this data: 5, 7, 3, 5, 2, 7, 9, 8, 11	

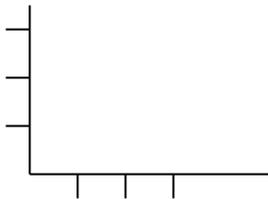
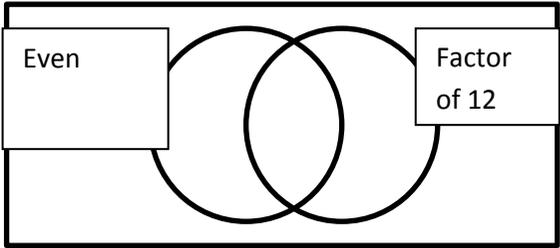
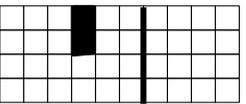
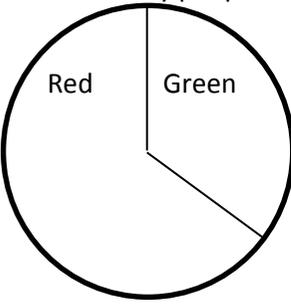
Section A: Numbers		Section C: algebra	Section E: handling data
1. Find the next number in this sequence: 5, 7, 10, 14, 19, ?		14. Complete the axes and plot the coordinate (3,2) 	23. Put the following numbers into the Venn Diagram: 5, 10, 9, 2, 1, 20 
2. Which of these is not a factor of 50? 10, 2, 7, 5, 1		Section D: shape and space	
3. What is the missing number: $330 \times 100 = ?$		15. Draw a line perpendicular to the one below 	24. In a survey 80 people chose red as their favourite colour. How many people were asked altogether? 
4i Write $\frac{3}{4}$ as a decimal		17. reflect the shape in the mirror line 	
4ii Write $2\frac{3}{5}$ as a top-heavy fraction		18. How many metres are there in 7 kilometres?	
5. Which number is smallest: 0.32, 0.5, 0.104, 0.2		20. What is the area of a rectangle which measures 12 squares across and 4 squares up?	
6i £30 given to Jack and Jill in the ratio 1: 9. How much does Jill receive?			25. Find the range of the following data: 0.5, 4.3, 2.2, 5.7, 8.9
6ii If 12 identical insects weigh 36g how much will 4 weigh?			
Section B: Calculating			
7. Find $457 - 265$			
8. Work out $6.2 \div 2$			
9. Work out $1.43 + 2.7$			
10. Work out 5.2×3			

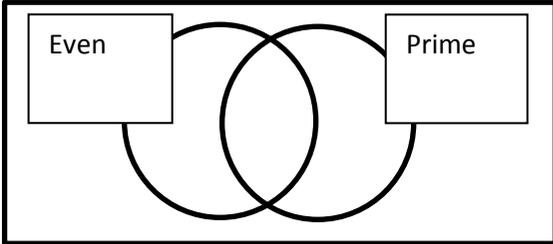
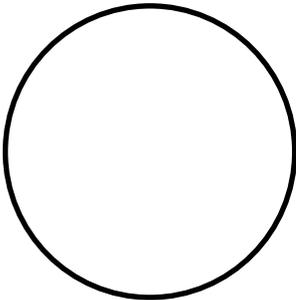
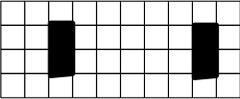
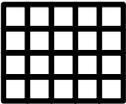
Section A: Numbers		Section C: algebra	Section E: handling data
1. Find the next number in this sequence: 1, 4, 9, 16, 25, ?		14. Complete the axes and plot the coordinate (4,2) 	23. Put the following numbers into the Venn Diagram: 9, 16, 10, 11, 100 
2. Find all the factors of 16			
3. What is the missing number: $321000 \div ? = 3210$		Section D: shape and space	
4i Write down 0.5 as a fraction		15. Draw a line parallel to the one below 	
4ii Write $5\frac{1}{3}$ as a top-heavy fraction		17. reflect the shape in the mirror line 	24. In a survey, 20 people chose Red as their favourite colour. How many people chose Green or Blue? 
5. Is 0.32 smaller than 0.042			
6i Paul gets £10 for every £50 of profit. How much will he get if there is a profit of £25?		18. How many metres are there in 2.5 kilometres?	
6ii Write 12:20 in its simplest form		20. What is the perimeter of a rectangle which measures 7 squares across and 3 squares up?	
Section B: Calculating			
7. Find $326 - 132$			25. What is the MODE of this data: 5, 7, 11, 3, 2, 1.1, 8, 3.24, 19
8. Work out $7.5 \div 3$			
9. Work out $3.2 + 1.45$			
10. Work out 2.3×4			

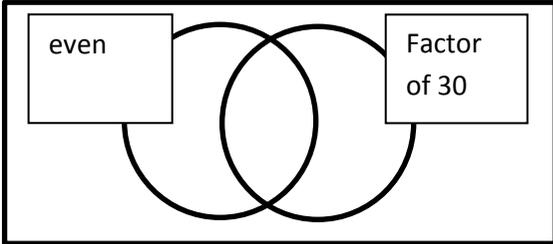
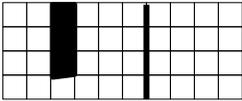
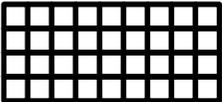
Section A: Numbers		Section C: algebra		Section E: handling data	
1.Find the next number in this sequence: 12, 11.5, 11, 10.5,...		14. What is the missing coordinate of a rectangle if three of them are: (3,3) (3,11) (7,3) and (?, 11)		23.Put the numbers from 1 to 5 into the following Venn Diagram 	
2.Write down the factors of 30		Section D: shape and space			
3.What is the missing number: $42 \times ? = 32000$		15. What shape has two pairs of parallel sides?		24. 1000 people were asked for their favourite colour. How many people said blue or red? 	
4i Write 0.75 as a fraction		17. reflect the shape in the mirror line 			
4ii Write $4\frac{1}{3}$ as a top-heavy fraction		18.How many mm are there in 4cm			
5.Order these decimals from smallest to largest: 0.122, 0.2, 0.15		20. Measure the perimeter of this rectangle in mm 			
6i Jack has 9 red cubes and 12 blue cubes. Write the ratio of red cubes to blue cubes in its simplest form		Section B: Calculating		25.Write down the mode and range of: 2, 7, 3, 2, 7, 11, 2, 1, 13,	
6ii A recipe for 8 people requires 240g of chocolate. How much would you need for 2 people?					
7. Find $4124 - 329$					
8.Work out $9.6 \div 2$					
9.Work out $4.12 + 2.89$					
10.Work out 8.2×2					

Section A: Numbers		Section C: algebra		Section E: handling data	
1. What is the missing term in this sequence: 3, 5, 8, 12, ?, 23		14. Find the next coordinate in this pattern: (1,4) (2,7) (3, 10) (?, ?)		23. Put the following numbers in this VENN diagram: 1, 3, 6, 9, 2, 11	
2. What is the 3rd square number?		Section D: shape and space			
3. What is the missing number: $3800 \div ? = 38$					
4i Write 0.7 as a fraction		15. What shape is below: 		24. 1600 people were asked for their favourite colour. How many people said blue? 	
4ii Write $\frac{23}{4}$ as a mixed fraction		17. reflect the shape in the mirror line 			
5. Which is larger: 0.103 or 0.27		18. How many grams are there in 3.5 kilograms?			
6i Write 4: 30 in its simplest form		20. Find the area in unit squares of this rectangle 			
Section B: Calculating				25. Write down the mode for this data: 2, 5, 7, 5, 2, 9, 2, 5, 11	
7. Find $328 + 1865$					
8. Work out $423 \div 9$					
9. Work out $5.35 + 2.81$					
10. Work out 4.2×3					

Section A: Numbers		Section C: algebra	Section E: handling data
1. Find the next number in this sequence: 2, 6, 18, ...		14. Complete the axes and plot the coordinate (2,1) 	23. Put the following numbers into the Venn Diagram: 3, 6, 15, 20, 1 
2. Which of these is not a factor of 49? 1, 49, 3, 7, 490			
3. What is the missing number: $440 \times 1000 = ?$		Section D: shape and space	24. In a survey 120 people chose blue as their favourite colour. How many people were asked altogether? 
4i Write $\frac{10}{20}$ as a decimal		15. Draw a line parallel to the one below a distance of 1 cm away 	
4ii Write $3\frac{2}{5}$ as a top-heavy fraction		17. reflect the shape in the mirror line 	
5. Which number is smallest: 0.03, 0.007, 0.1, 0.025		18. How many metres are there in 0.5 kilometres?	
6i £40 is given to Mork and Mindy in the ratio 1: 7. How much does Mindy receive?		20. What is the area of a rectangle which measures 4 squares across and 9 squares up?	
6ii If 14 identical objects weigh 28g how much will 2 weigh?			25. Find the range of the following data: 5, 6, 11, 4, 15
Section B: Calculating			
7. Find $318 - 135$			
8. Work out $4.8 \div 3$			
9. Work out $3.2 + 0.98$			
10. Work out 4.7×3			

Section A: Numbers		Section C: algebra	Section E: handling data
1. Find the next number in this sequence: 5, 3, 1, ...		14. Complete the axes and plot the coordinate (2,3) 	23. Put the following numbers into the Venn Diagram: 2, 6, 11, 10, 1 
2. Write down a multiple of 9 which is between 80 and 85		Section D: shape and space	
3. What is the missing number: $2700000 \div 100 = ?$		15. Draw a line parallel to the one below 	
4i Write $\frac{25}{100}$ as a decimal		17. reflect the shape in the mirror line 	24. If 10 people chose green as their favourite colour, estimate how many people chose Red 
4ii Write $3\frac{1}{2}$ as a top-heavy fraction		18. How many metres are there in 3km?	
5. Which is larger: 0.32 or 0.5		20. What is the area of a rectangle which measures 1.5 squares across and 2 squares up?	
6i £16 is shared to Paul and Ben in the ratio 1:7. How much does Paul receive?			25. Find the range of the following data: 3, 4, 2, 9, 1
6ii If 4 dogs need 11kg of food, how much would 8 dogs require?			
Section B: Calculating			
7. Find $275 - 129$			
8. Work out $3.6 \div 2$			

Section A: Numbers		Section C: algebra		Section E: handling data	
1. What is the next term in this sequence: 1.2, 1.5, 1.8, ...		14. Find the next coordinate in this pattern: (1,5), (2,10), (3,15), ()		23. Put the following numbers in this VENN diagram: 1, 2, 4, 9, 12, 13	
2. Which of these is a prime number: 1, 5, 7, 11, 21		Section D: shape and space			
3. What is the missing number: 32 × 1000		15. Sketch a trapezium			
4i Write 0.2 as a fraction		17. Draw in the mirror line		24. In a survey of favourite food, 10 people said chips and 30 people said chocolate. Sketch the pie chart below 	
4ii Write $\frac{22}{5}$ as a mixed number					
5. Which is smaller: 0.321 or 0.51					
6i Write 15: 30 in its simplest form					
6ii Paul pays £1.20 for 8 drinks. How much would he pay for 4 drinks?		18. How many cm are there in 5 metres?		25. What is the mode for this data: 0,1,4,6,3,2,10	
Section B: Calculating		20. Each of the small squares costs 25pence to paint. How much would it cost to paint the entire shape below?			
7. Find 127 – 54					
8. Work out 125 ÷ 5					
9. Work out 3.12 + 2.57					
10. Work out 3.1 × 3					

Section A: Numbers		Section C: algebra		Section E: handling data	
1. What is the missing term in this sequence: 8, 11, 14, 17, ...		14. If I start at the coordinate (2,3) and go up 2 and left 1, what coordinate would I now be at?		23. Put the following numbers in this VENN diagram: 60, 4, 1, 11, 2	
2. What is the 5th square number?		Section D: shape and space			
3. Work out $12 \times 100 =$					
4i Write $\frac{3}{10}$ as a decimal		15. How many sides does a Kite have?		24. In a survey of 8 people, 5 chose Blue and 3 chose Red as their favourite colour. Draw the bar graph	
4ii Write $\frac{11}{2}$ as a mixed fraction		17. reflect the shape in the mirror line			
5. Which is smaller: 0.312 or 0.40					
6i Write 2: 8 in its simplest form					
6ii If 2 CDs cost £10.50, how much would 6 CDs cost?		18. How many ml are there in 3 litres?		25. Write down the mode for this data: 3, 3, 1, 7, 8, 2, 8	
Section B: Calculating		20. Find the area in unit squares of this rectangle			
7. Find $132 + 89$					
8. Work out $4122 \div 3$					