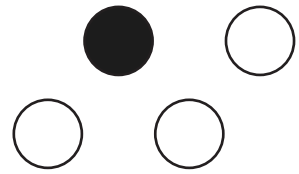
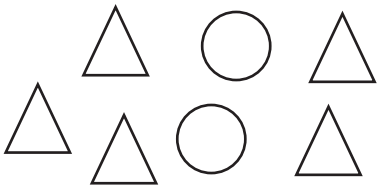
1)

Objects	Ratio	Fraction
	The ratio of black counters to white counters: 1:3	Black = $\frac{1}{4}$ White = $\frac{3}{4}$
	The ratio of apples to bananas: 1:2	Apple = $\frac{1}{3}$ Bananas = $\frac{2}{3}$
	For every 2 circles, there are **5** triangles.	Circles = $\frac{2}{7}$ Triangles = $\frac{5}{7}$
	The ratio of apples to lemons to oranges: 1:3:4	Apple = $\frac{1}{8}$ Lemons = $\frac{3}{8}$ Oranges = $\frac{4}{8}$ *or* $\frac{1}{2}$
	For every 2 squares, there are **3** circles and **5** triangles.	Squares = $\frac{2}{10}$ *or* $\frac{1}{5}$ Circles = $\frac{3}{10}$ Triangles = $\frac{5}{10}$ *or* $\frac{1}{2}$

2) *b) is the true statement.*
As 3 + 4 = 7, there are 7 marbles altogether.
3 of the marbles are green, therefore, $\frac{3}{7}$ of the marbles are green.

1) a) Alice is correct. If $\frac{1}{4}$ of the marbles in the bag are red, $\frac{3}{4}$ will be blue. Therefore, for every 1 red marble there will be 3 blue marbles

b)

Red	Blue	Blue	Blue

This illustrates how $\frac{1}{4}$ of the marbles in a bag are red and $\frac{3}{4}$ are blue.

c) The ratio of red marbles to blue marbles: 1:3

2) a) This is true.

b) This is false. For every two bananas, there are five oranges.

c) This is false. The ratio of bananas to oranges: 2:5

3) a) This is true.

b) This is false. $\frac{2}{6}$ or $\frac{1}{3}$ of the fruit are now bananas.

c) This is true.

1)

Coin	Total Value	Quantity of Coins
10p	£2	20
20p	£1	5
50p	£5	10

2)

	Answer 1	Answer 2	Answer 3
Blue marbles	10	20	30
Red marbles	15	30	45
White marbles	25	50	75
Total marbles	50	100	150