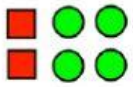
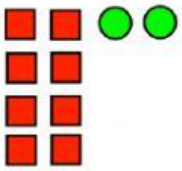
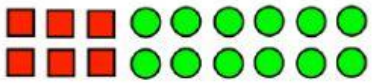
Name:_____ Grade: __No:_ Room Nos:__

1. For each of the following, write down the ratio of red squares to green circles. Give your ratios in their simplest forms.

(a) 

(b) 

(c) 

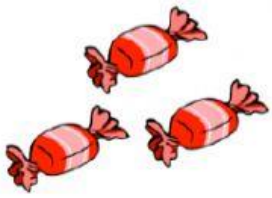
a) Answer: b) Answer: c) Answer:

2. At a football match, there are 3000 men and 1800 women. Write down the ratio of male fans to female fans. Give your answer in its simplest form.



Answer:

3. Aidan, Bill and Cara share sweets in the ratio of their ages.
Aidan is 12 years old.
Bill is 9 years old.
Cara is 3 years old.
Write down the ratio of their ages.
Give your answer in its simplest form.



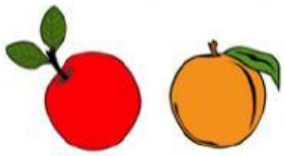
Ans:

4. A drawer contains white socks and black socks only.
The number of white socks to the number of black socks is in the ratio 1:3
There are 12 white socks.

(a) Work out the number of black socks in the drawer.
(b) Work out the total number of socks in the drawer.

a) Ans: b) Ans:

5. James has some apples and oranges.
The ratio of apples and oranges is 2:5
He has 15 oranges.
How many apples does James have?



Ans:

LIVEWORKSHEETS

6. y is directly proportional to x.
Complete the table.

x	4	9	12
y			72

7. The cost, C pounds, of hiring a car is directly proportional to the number of days, d, it is hired.
When d = 5, C = 180

(a) Find the value of C when d = 3
(b) Find the value of d when C = 252

(a) Ans: (b) Ans:

8. On a map, 4cm represents 60 miles.
The distance between two towns is 37.5 miles.
On the map, what is the distance between the two towns?

Ans:

9. Nathan has 20 identical books on a shelf.
The books take up 70cm of space on the shelf.
Nathan removes seven books.

How much space do the remaining books take up?



Ans:

10. 250 students attend a primary school.
94% of the students go on a visit to the zoo.
How many students went to the zoo?



Ans:

Carefully drag your answers from the table below

235	4: 3: 1	45.5	4:1	6	48	7

1:2

1:2	54	36	2.5	24	108	5:3

LIVEWORKSHEETS