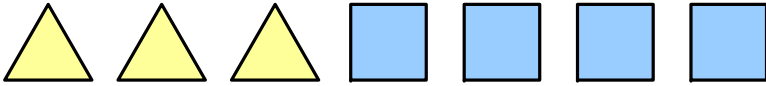


Ratio



Name _____ Class _____

1. Here are some triangles and squares



a Write the ratio of triangles to squares.

1 mark

b What fraction of the shapes are squares?

1 mark

2. Write each ratio in its simplest form.

35 : 5 : 15

27 : 63 : 18

2 marks

3. Fill in the box to make the ratios equivalent.

$$16 : 20 = 40 : \boxed{}$$

$$12 : 42 = 60 : \boxed{}$$

2 marks

4. Bill and Ben share £60 in the ratio 5:7.
How much money did Ben receive?

2 marks

5. A bag of sweets contained pineapple chunks and sherbet lemons in the ratio 4:7.
What fraction of the sweets are sherbet lemons?

1 mark

6. Poppy spends $\frac{3}{8}$ on herself, $\frac{1}{4}$ on her sister and the rest on her brother.

Write a ratio of the amount of money Poppy spends on herself, her sister and her brother.

2 marks

7. On the train, the ratio of boys to girls to men to women is 5:6:3:4.
There are 20 boys on the train.
Fill in the number of people on the train in the table below.

Boys	20
Girls	
Men	
Women	

2 marks

7. The number of red cars to blue cars in a car park is 5:9.

There are 28 fewer red cars than blue.
How many cars of each colour are there?

Red _____

Blue _____

8. a Write the ratio 7:10 in the form n:1

- b Write the ratio 5:9 in the form 1:n

3 marks

1 mark

1 mark