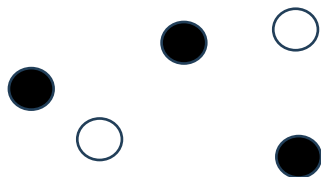
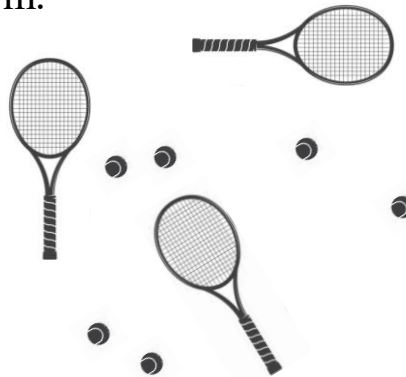


1. State the ratio of black dots to white dots.



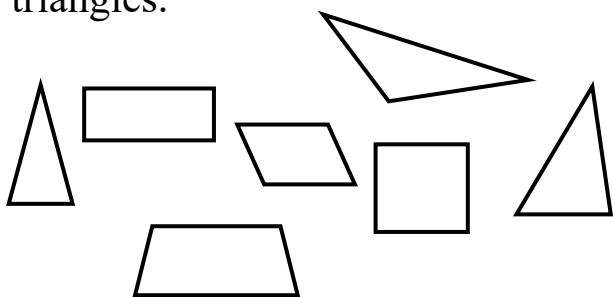
.....
(1 mark)

2. State the ratio of rackets to balls.
Give your answer in its simplest form.



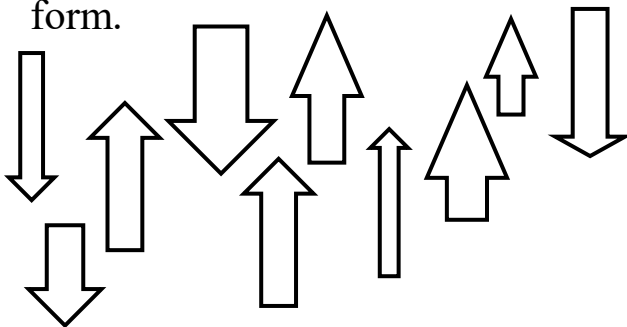
.....
(1 mark)

3. State the ratio of quadrilaterals to triangles.



.....
(1 mark)

4. State the ratio of ups to downs.
Give your answer in its simplest form.



.....
(1 mark)

5. Simplify the following ratios.

a) 12:4

b) 9:15

.....

.....

c) 140:200

d) 12:60

.....

.....

e) 6:3:9

f) 8:20:4

.....

.....

(6 marks)

6. Simplify the following ratios into the form **1 : n**

a) 2:5

b) 10:3

.....

.....

c) 4:7

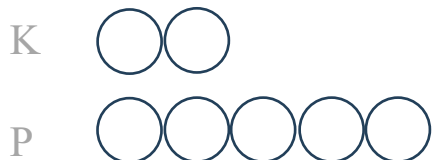
d) 6:11

.....

.....

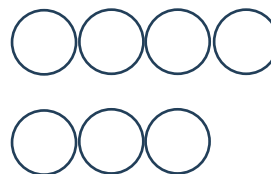
(4 marks)

7. Kenny and Phil share some money in the ratio 2:5
What fraction does Kenny get?



.....
(2 marks)

8. Some sweets have been shared between Jacob and Asif in the ratio 4:3.
What fraction did Asif get?



.....
(2 marks)

9. Gabe and Henry share some cards in the ratio 2:1.
What fraction did Gabe receive?

.....
(2 marks)

10. Some cards have been shared between Lucas, Sophie and Marcus in the ratio 2:3:5
What fraction did Lucas get?

.....
(2 marks)

11. Some money has been shared between Lucinda and Freya.
Lucinda got $\frac{1}{4}$ of the money.
Write down the ratio of Lucinda to Freya.

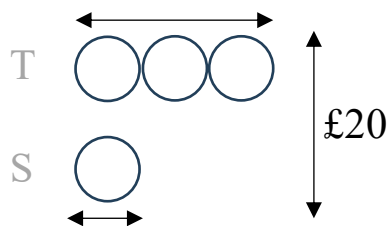
.....
(2 marks)

12. Jeffery and Dale shared some marbles between them.
Jeffery received $\frac{2}{5}$ of the marbles.
Write down the ratio of Jeffery to Dale.

.....
(2 marks)

13. Share £20 between Tom and Sam in the ratio 3:1.

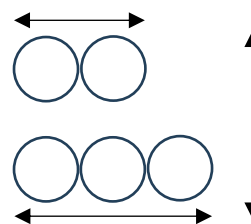
How much will each receive?



Tom = Sam =
(2 marks)

14. Share £15 between Lee and Zoe in the ratio 2:3.

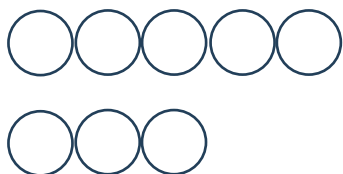
How much will each receive?



Lee = Zoe =
(2 marks)

15. Share £40 between Molly and Tyler in the ratio 5:3.

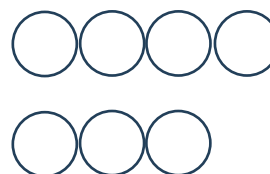
How much will each receive?



Molly = Tyler =
(2 marks)

16. Share £35 between Mick and Dan in the ratio 4:3.

How much will each receive?



Mick = Dan =
(2 marks)

17. Share £24 between Eric and Jacob in the ratio 1:2.

How much will each receive?

Eric = Jacob =
(2 marks)

18. Share £36 between Jose and Poppy in the ratio 4:5.

How much will each receive?

Jose = Poppy =
(2 marks)

Ratio

19. Share £120 between Connie and Sarah in the ratio 3:1.
How much will each receive?

Connie = Sarah =
(2 marks)

20. Share \$450 between Jim and Bruno in the ratio 4:5.
How much will each receive?

Jim = Bruno =
(2 marks)

21. Share £30 between Abbie, Ben and Chloe in the ratio 2:3:1.
How much will each receive?

Abbie = Ben = Chloe =
(2 marks)

22. Share £42 between David, Elly and Frank in the ratio 1:4:2.
How much will each receive?

David = Elly = Frank =
(2 marks)

23. Share 40 sweets between Gabe, Halle and Indi in the ratio 5:1:2.
How much will each receive?

Gabe = Halle = Indi =
(2 marks)

24. Share 56 diamonds between Jules, Kerry and Leo in the ratio 2:4:1.
How much will each receive?

Jules = Kerry = Leo =
(2 marks)

25. A total of 480 bags of potatoes are to be sent to two different shops in the ratio 5:1.
How many bags does each shop receive?

Shop A = Shop B =
(2 marks)

26. Sonny earned £210 working last weekend.
He spent some and saved some in the ratio 3:4.
How much did he spend, and how much he saved.

Spent = Saved =
(2 marks)

27. There are 48 people in the cinema. The ratio of adults to children is 1:3.
How many adults and children were in the cinema?

Adults = Children =
(2 marks)

28. There are 1000 tickets at a concert. The ratio of seating to standing is 4:1.
How many seats are there at the concert?

Seats =
(2 marks)

29. In a school questionnaire. 350 students voted for their favourite between Pizza, Burger and hotdog. The answers were in the ratio 3:3:1.
How many students said Burger?

Burger =
(2 marks)

30. Ashley baked 3 flavours of cupcakes, vanilla, chocolate and salted caramel in the ratio of 5:4:3.
There was 60 cupcakes in total.
How much of each flavour were there?

Vanilla = Choc = S.C. =
(2 marks)

Ratio

31. Some money was shared between Gabe and Luca in the ratio 2:1.

Gabe received £14, how much did Luca get?

.....
(2 marks)

32. Some counters have been shared between Lauren and Tony in the ratio 3:4.

Tony now has 12 counters.

How many counters did Lauren get?

.....
(2 marks)

33. Some sweets have been shared between Henry and Bella in the ratio 1:3.

Bella got 18 sweets.

How many did they have all together?

.....
(2 marks)

34. Some tokens have been split between Marcus and Will in the ratio 2:5.

Marcus received 40 tokens, how many did Will get?

.....
(2 marks)

35. Bethan and Vinnie share some money between them in the ratio 7:3.

Bethan now has £35, how much do they have all together?

.....
(2 marks)

36. You can make grey paint by mixing black and white paint together in the ratio 4:5.

If you use 30 litres of white paint, how much black do you need?

.....
(2 marks)