

# Maths Revision



## Number and Place Value

**Count forwards and backwards in 4, 8, 50 and 100.**

1. Continue the sequences:

a. 4, 8, 12, 16, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

b. 24, 32, 40, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

c. 900, 800, 700, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

d. 150, 200, 250, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

**Find 10 or 100 more or less than a given number.**

2. What number is 10 more than 73?

\_\_\_\_\_

3. What number is 100 less than 340?

\_\_\_\_\_

**Recognise the place value of each digit in a three-digit number.**

4. Underline the tens digit in the following numbers:

562

584

703

821

**Compare and order numbers up to 1000.**

5. Write a number so that each sentence makes sense:

a.  $345 < \underline{\hspace{2cm}}$

b.  $294 > \underline{\hspace{2cm}}$

c.  $833 = \underline{\hspace{2cm}}$

6. Order the following numbers from largest to smallest:

77

86

78

84

74

Largest \_\_\_\_\_ Smallest \_\_\_\_\_

7. Order these numbers from smallest to largest:

289

298

258

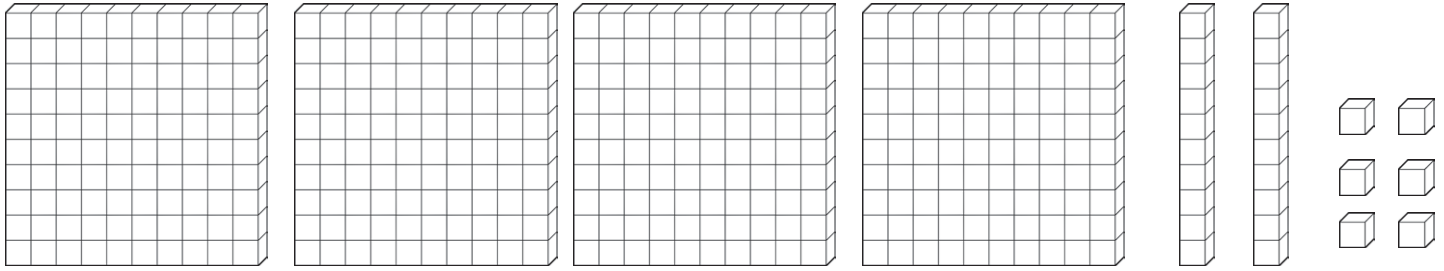
247

293

Smallest \_\_\_\_\_ Largest \_\_\_\_\_

**Identify, represent and estimate numbers using different representations.**

8. What number is shown:



**Read and write numbers up to 1000 in numerals and in words.**

9. Write 357 in words.

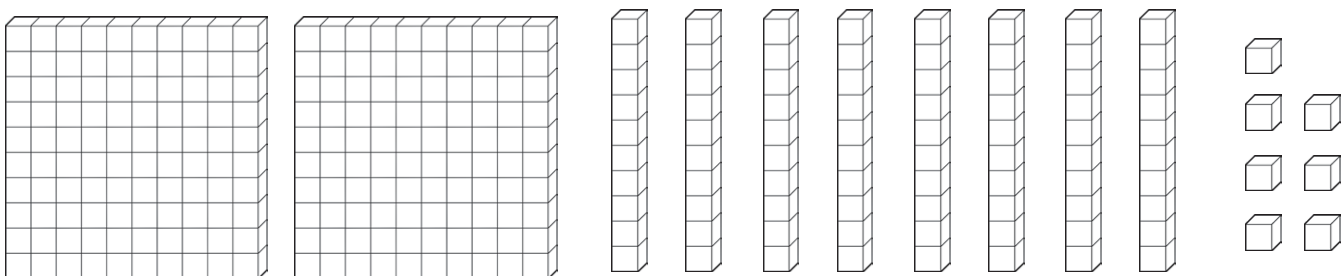
10. Write two hundred and seventy-four in numerals.

**Solve number problems and practical problems.**

11. What needs to be added to the following number to make 234?

$$204 + \underline{\hspace{2cm}}$$

12. Cross out the Dienes that are not needed to represent the number 162.



**Addition and Subtraction**

**Add and subtract numbers mentally.**

13. Calculate the following:

a.  $286 + 4 = \underline{\hspace{2cm}}$

b.  $256 - 30 = \underline{\hspace{2cm}}$

c.  $172 + 300 = \underline{\hspace{2cm}}$

**Add and subtract numbers with up to three digits using formal written methods.**

14. Calculate the following:

a.

		6	7	8
+		3	2	3

b.

	6	8	3
-	2	5	1

c.

	3	6	4
-	1	2	9

**Estimate the answer to a calculation and use the inverse operation to check.**

15. Use the inverse to check the following calculations. Circle 'Correct' or 'Incorrect':

a.  $328 + 126 = 456$  \_\_\_\_\_ Correct/Incorrect

b.  $267 - 138 = 129$  \_\_\_\_\_ Correct/Incorrect

**Solve problems including missing numbers.**

16. Fill in the missing numbers to make these calculations correct:

a. Please put this in a column:  $472 + 36 = 36$

4	7	2	+	3	6		=		3	6
---	---	---	---	---	---	--	---	--	---	---

b. There are 460 people on a plane. 125 of the passengers are British, 104 are American and the rest are French. How many French people are on board the plane?

\_\_\_\_\_

**Multiplication and Division**

**Recall and use multiplication and division facts for the 3, 4 and 8 times tables.**

17. Use your knowledge of the 3, 4 and 8 times tables to complete these calculations:

a. \_\_\_\_\_  $\times 4 = 32$

c.  $8 \times 6 =$  \_\_\_\_\_

e. \_\_\_\_\_  $\div 12 = 4$

b.  $3 \times$  \_\_\_\_\_  $= 27$

d.  $33 \div$  \_\_\_\_\_  $= 3$

f.  $40 \div$  \_\_\_\_\_  $= 8$

**Use known facts to solve multiplication and division problems including two-digit multiplied by one-digit numbers.**

18. Partition these numbers or use a column method to calculate these:

- a.  $24 \times 3 =$  \_\_\_\_\_ c.  $56 \div 4 =$  \_\_\_\_\_  
 b.  $18 \times 4 =$  \_\_\_\_\_ d.  $48 \div 3 =$  \_\_\_\_\_

**Solve problems including missing numbers.**

19. Find the missing numbers to complete the following calculations:

a. 

4	3	×		=		7	2
---	---	---	--	---	--	---	---

b. 

6		×	3	=	1		6
---	--	---	---	---	---	--	---

**Solve problems including scaling and correspondence problems.**

20. Solve the following problems:

- a. There are 8 apples in one box. How many apples are there in 6 boxes?

\_\_\_\_\_

- b. Kangaroos have 2 legs and zebras have 4 legs. A zoo keeper counts 22 legs altogether. How many kangaroos and zebras could there be?

\_\_\_\_\_

- c. 18 cupcakes are shared equally between 3 boxes. How many cupcakes are in each box?

\_\_\_\_\_

**Fractions**

**Count up and down in tenths.**

21. Fill in the missing numbers to complete the sequence:

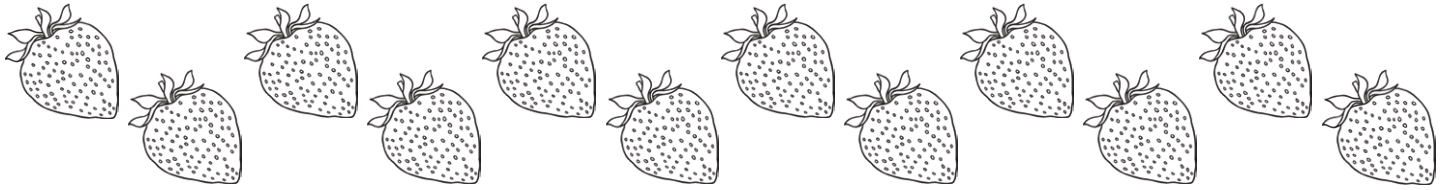
$\frac{2}{10}$     $\frac{3}{10}$     $\frac{4}{10}$     $\frac{\quad}{10}$     $\frac{6}{10}$

22. Shade in the squares to represent the fraction  $\frac{7}{10}$ .

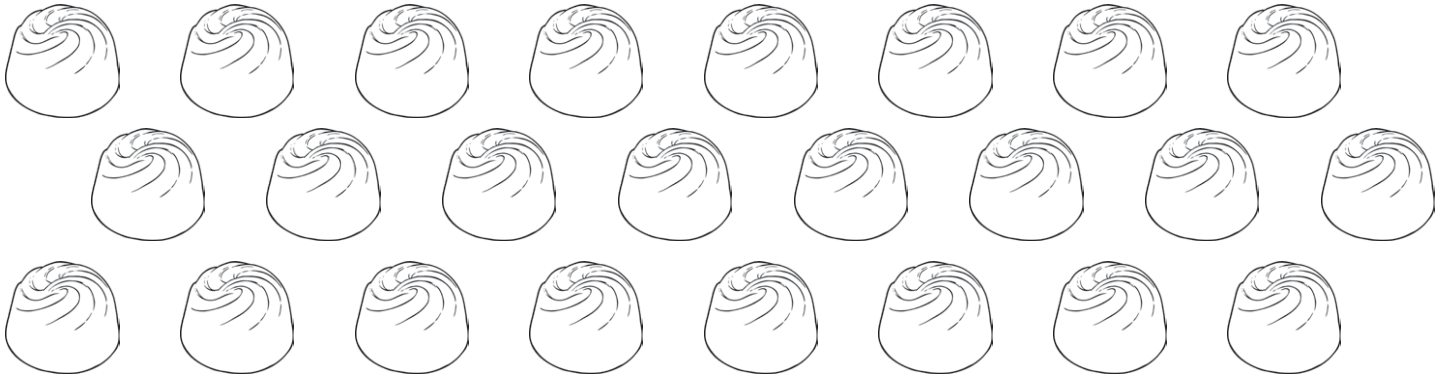
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**Find fractions of amounts.**

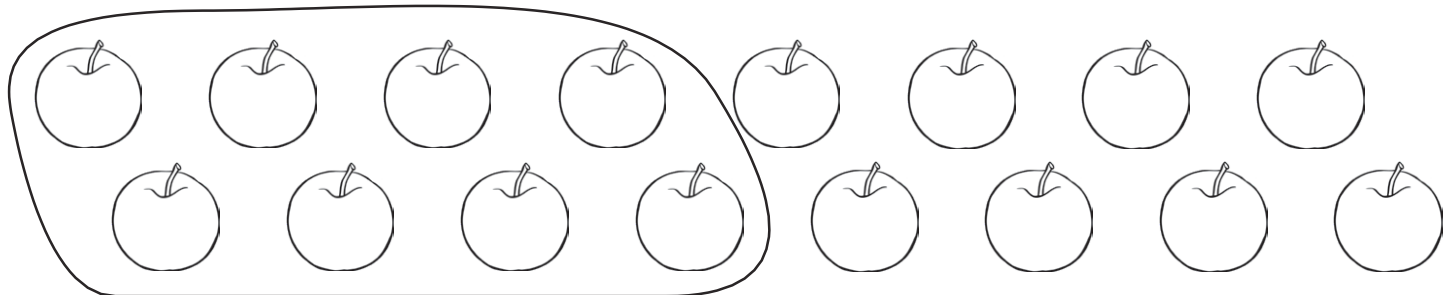
23. Circle  $\frac{1}{4}$  of the strawberries.



24. Circle  $\frac{3}{4}$  of the sweets.



25. What fraction of the apples have been grouped together?



**Recognise and show equivalent fractions.**

26. Draw lines to match the equivalent fractions.

$\frac{3}{4}$

$\frac{1}{2}$

$\frac{1}{3}$

$\frac{6}{8}$

$\frac{1}{5}$

$\frac{2}{10}$

$\frac{5}{10}$

$\frac{2}{6}$

**Add and subtract fractions with the same denominator.**

27. Calculate the following: Fractions in fraction notation please

a.  $\frac{2}{5} + \frac{1}{5} =$  \_\_\_\_\_

b.  $\frac{3}{8} + \frac{2}{8} =$  \_\_\_\_\_

c.  $\frac{3}{4} - \frac{1}{4} =$  \_\_\_\_\_

d.  $\frac{7}{8} - \frac{3}{8} =$  \_\_\_\_\_

**Compare and order unit fractions.**

28. Order these fractions from smallest to largest: Fraction notation please

$$\frac{1}{3}$$

$$\frac{1}{2}$$

$$\frac{1}{5}$$

$$\frac{1}{4}$$

$$\frac{1}{6}$$

Smallest \_\_\_\_\_ Largest

29. Use < or > to complete these number sentences: Fraction notation please

a.  $\frac{1}{4}$  \_\_\_\_\_  $\frac{1}{2}$

b.  $\frac{7}{8}$  \_\_\_\_\_  $\frac{3}{8}$

**Solve problems involving fractions.**

30. A cake is divided into 10 slices. Harry takes 2 slices and Emily takes 3. Write what fraction of the cake is left.

31. Lucy has  $\frac{1}{4}$  of £400. Jack has  $\frac{3}{4}$  of £200. Who has the most money?

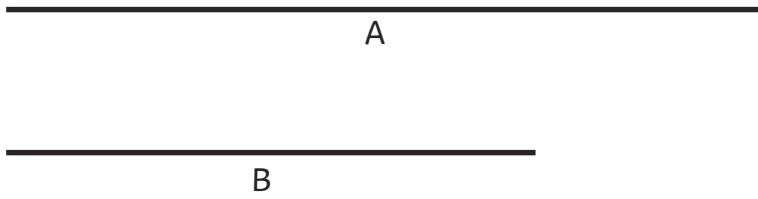
**Measurement**

**Measure, compare, add and subtract measures.**

32. Measure this line in cm.

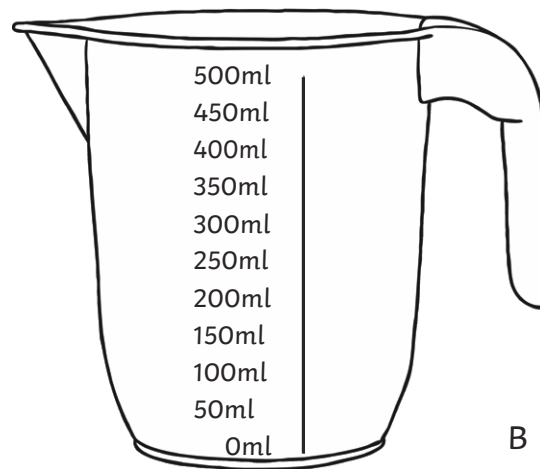
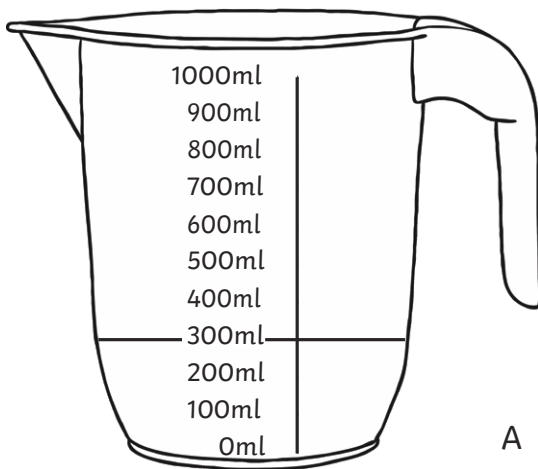


33. How much longer is line A than line B?



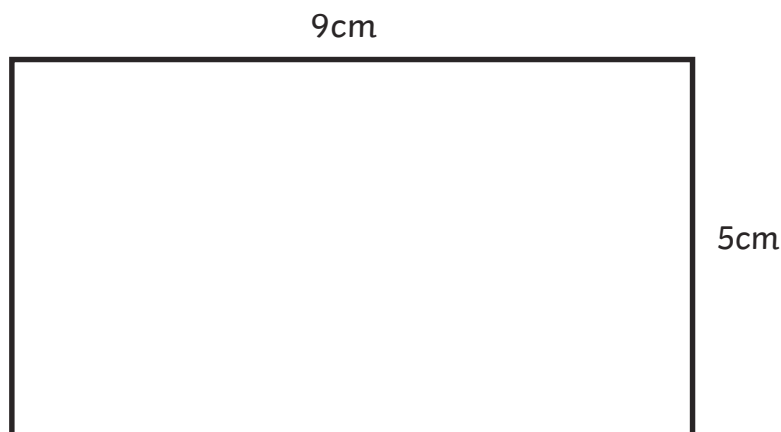
34. A block of cheese weighs 250g each. Sam cuts off 120g of cheese. How much is left?

35. Draw a line on jug B so that it shows the same amount of liquid as jug A.



**Measure the perimeter of 2D shapes.**

36. Calculate the perimeter of the rectangle.



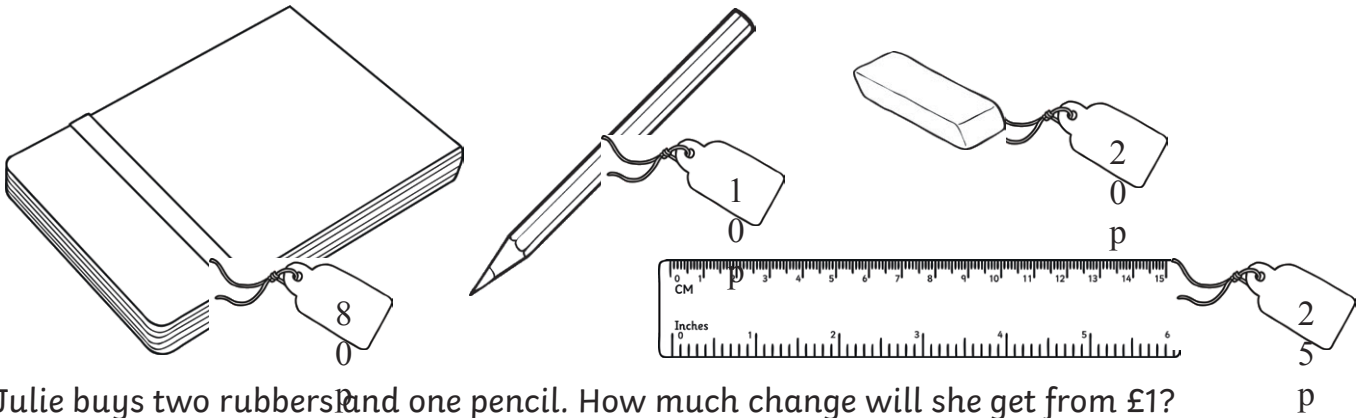
Perimeter = \_\_\_\_\_



37. A square is 4cm wide. What is its perimeter?

Perimeter = \_\_\_\_\_

**Add and subtract amounts of money, giving change.**

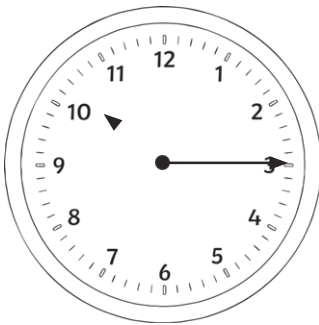


38. Julie buys two rubbers and one pencil. How much change will she get from £1?

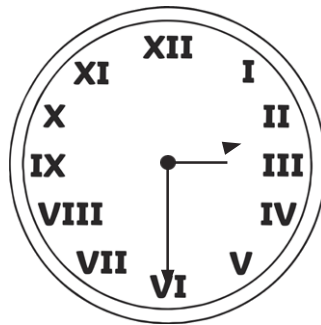
39. Zain has a £1 coin. He wants to buy a notebook, a ruler and a pencil. How much more money will he need?

**Tell and write the time on an analogue clock and on 12-hour and 24-hour clocks.**

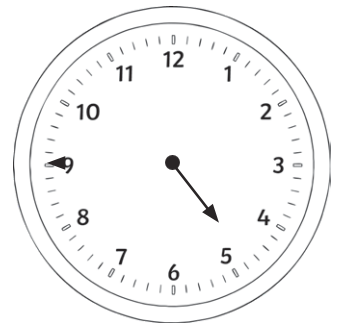
40. Write the digital time underneath each clock:



a. \_\_\_\_\_



b. \_\_\_\_\_



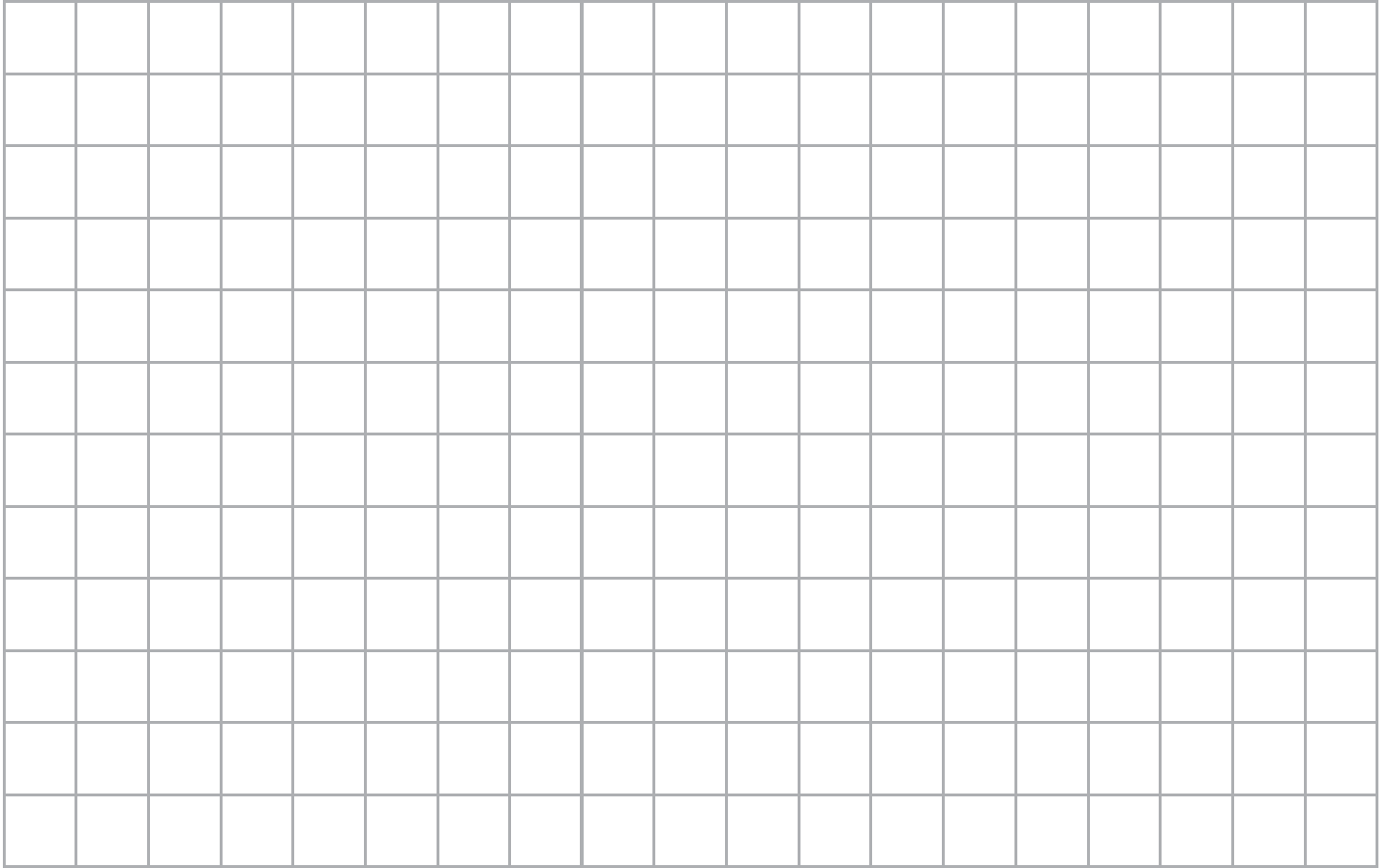
c. \_\_\_\_\_

41. Match the 12-hour and 24-hour times.

3:45 p.m.	14:00
7:30 a.m.	15:45
12:15 p.m.	08:20
8:20 a.m.	07:30
2:00 p.m.	12:15



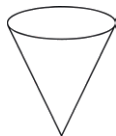
46. Draw a rectangle with a length of 8cm and a width of 2cm.



**Recognise 3D shapes.**

47. Draw lines to match the 3D shapes with their names.

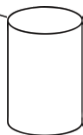
Cuboid



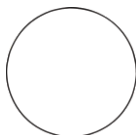
Sphere



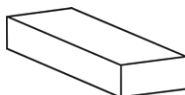
Cone



Square-based pyramid



Cylinder



**Recognise right angles and related facts.**

48. Mark any right angles on this rectangle with a ■.



49. Estimate the size of these angles in degrees (°).



a. \_\_\_\_\_



b. \_\_\_\_\_



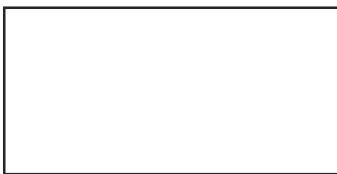
c. \_\_\_\_\_

**Recognise horizontal, vertical, perpendicular and parallel lines.**

50. Mark a pair of parallel lines on this shape:



51. Mark a pair of perpendicular lines on this shape:



52. Draw a horizontal line.

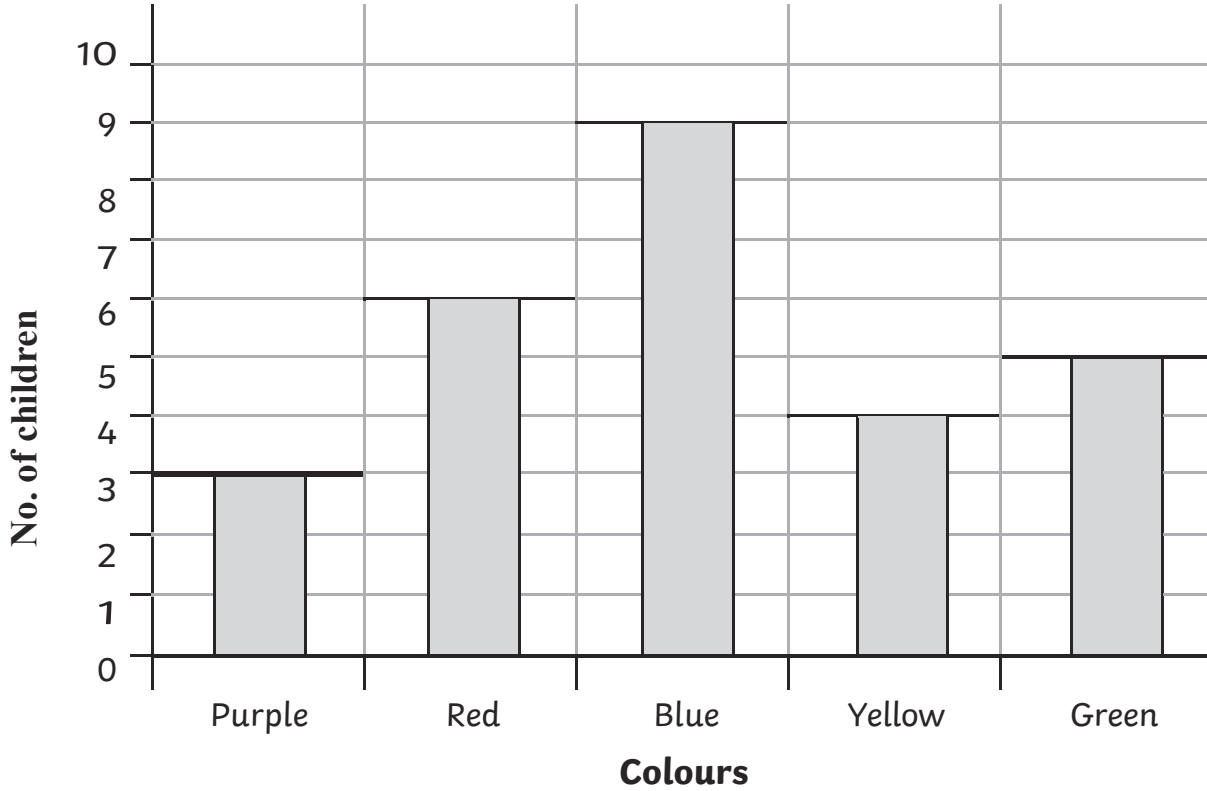
53. Draw a vertical line.

## Statistics

Interpret and present data in pictograms, bar charts and tables.

54.

**Children in Class 3's Favourite Colour**



a. How many children chose red as their favourite colour?

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b. How many more children chose blue than yellow?

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c. How many children were asked to choose their favourite colour?

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**Solve one and two-step problems using information represented in bar charts, pictograms and tables.**

55. This table show how many packets of crisps were sold in a shop over four weeks.

	Week 1	Week 2	Week 3	Week 4
Ready Salted	50	55	48	52
Cheese and Onion	33	38	20	
Salt and Vinegar	15	25	45	30
Chicken	10	12	8	15

- How many packets of chicken crisps did the shop sell in week 2?
- 
- Which flavour crisp did the shop sell most of in Week 3?
- 
- In week 4, the shop sold half the amount of cheese and onion crisps than salt and vinegar. Fill in the table with how many packets of cheese and onion it sold that week.
  - How many more packets of crisps were sold altogether in week 2 than in week 3?
-