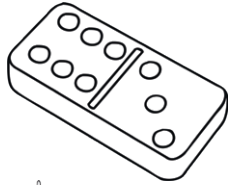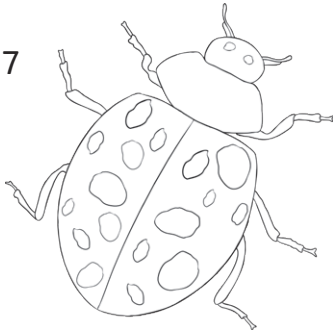# Second Class End of Year Maths Assessment

Answer as many questions as you can below to show all the hard work you did in Second Class this year!

1. Count these sets to find the total amount.

   $3 + 6 = \boxed{}$

2. $9 + \boxed{} = 17$

3. $\boxed{} + \boxed{} = \boxed{}$

Fill in the missing numbers.

4. $12 + \boxed{} = 10 + 5$

5. $10 + (3 + 7) = \boxed{}$

6. $(3 + 9) + 4 = \boxed{}$

7. $\boxed{} - 6 = 11$

8. $22 - 11 = \boxed{}$

Rough Work

total for this page

9. You have 50c to spend in the shop. You want to buy a new pencil. It costs 75c. How much more money do you need to buy the pencil?

   I need ☐ c more.

10. 14 + 0 = ☐

11. 0 + 19 = ☐

12. Match each of these numbers to the nearest 10.

39
48
29
23

20
30
40
50

13. Sam has 15 toy cars in his collection, his brother gave him 4 more for this birthday. Now Sam has ☐ cars altogether.

   Write a calculation to show how Sam added the cars to his collection.

   ☐ + ☐ = ☐

14.
```
  T O          T O          T O
  3 7          7 5          4 3
+ 4 1        + 2 6          2 1
_____      _____      + 8 2
                          _____
```

15.
```
  T O          T O          T O
  6 8          9 7          7 7
- 4 4        -   7        - 5 8
_____      _____      _____
```

16. Farmer John had 48 little chicks running around the farm on Monday. He counted them on Tuesday and there were 11 chicks missing!
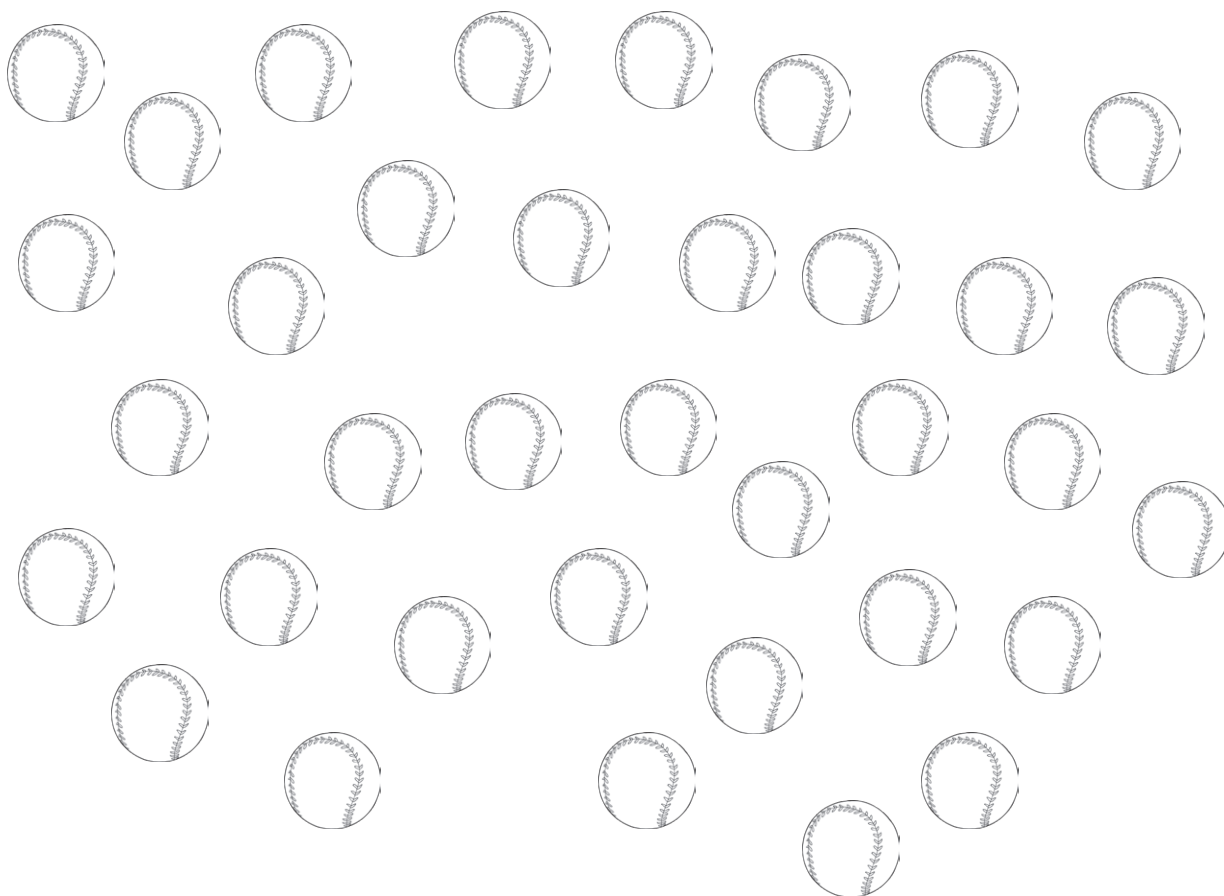How many chicks did the farmer have left? ☐

☐ - ☐ = ☐

17. Lucy's group had 10 marbles in their jar. They were very good in class and their teacher gave them 6 more marbles for their jar. Later, the group were chatting a lot and teacher took 2 marbles away. How many marbles did the group have then?

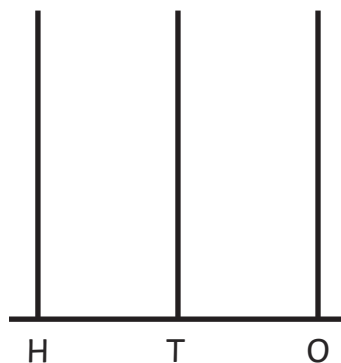(☐ + ☐) - ☐ = ☐

18. 57 = _____ Tens and _____ Ones (Units)

19. 6 = _____ Tens and _____ Ones (Units)
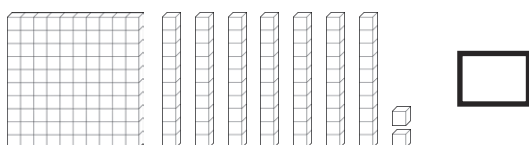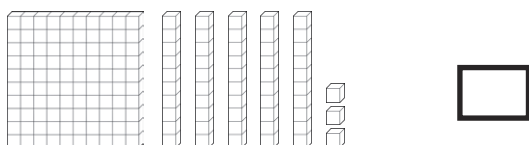
20. Circle these balls into groups of ten.

total for this page

21. Use the abacus to show the number: 136.

```
 |      |      |
 |      |      |
 |      |      |
H      T      O
```

22. Write the number the image represents.

23. Complete the number patterns.

(a) 2, 4, 6, 8, ____, 12, 14, 16

(b) 10, 20, 30, 40, ____, ____, 70

(c) 8, 12, 16, ____, 24, ____, 32

24. How much money do I have in my purse all together?

I have ☐ c

total for
this page

25. Complete the pattern using one of your colours.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

26. A pack of cards costs €2.00. This is how much money Lucy has in her purse.
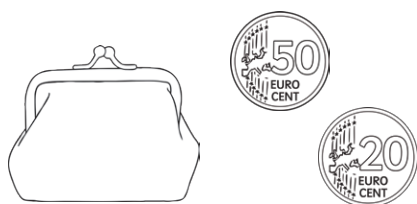
How much more does she need to buy this pack of cards?

27. Colour the shapes correctly.
Colour the shapes with only straight edges red.
Colour the shapes with only round edges blue.
Colour all other shapes yellow.
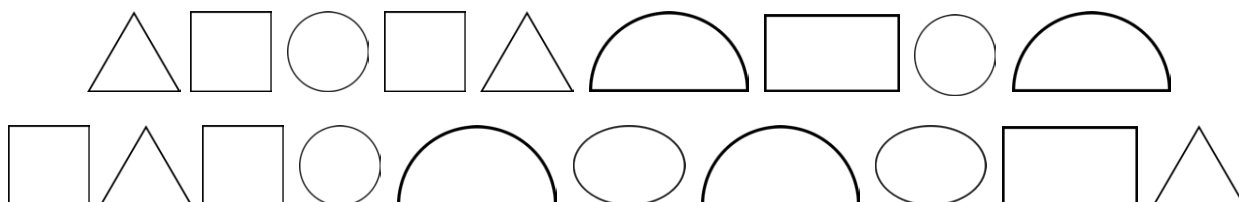
28. Complete the table below:

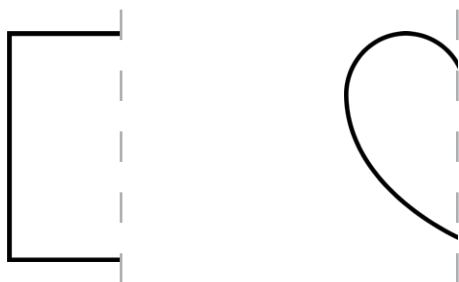| Shape	Drawing	Number of Sides	Number of Corners
Square			
Rectangle			
Oval			
Semicircle			
Circle			
Triangle			

29. How many 2D shapes can you see?

(a) _____

(b) _____

30. Complete these shapes so that they are symmetrical.
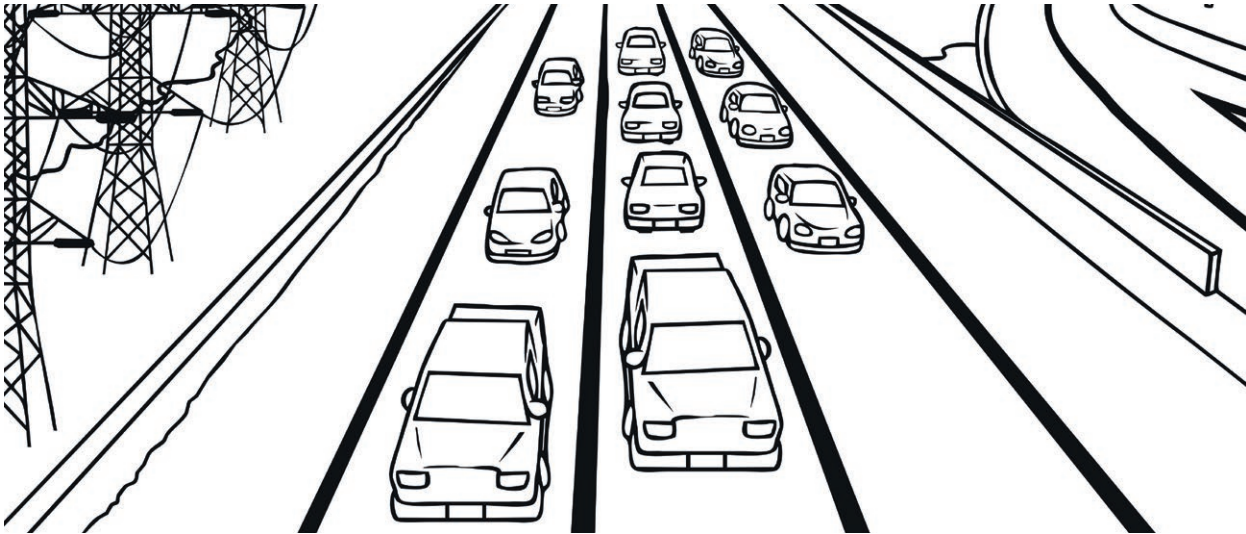
31. Use the correct symbol: >, <, or =

13 ☐ 9

98 ☐ 90 + 8

(5 + 3) ☐ (9 + 4)

total for this page

32. Colour the cars in the traffic.

1ˢᵗ car = green	10ᵗʰ car = orange
5ᵗʰ car = blue	6ᵗʰ car = pink
8ᵗʰ car = black	3ʳᵈ car = red
4ᵗʰ car = white	9ᵗʰ car – grey
7ᵗʰ car = brown	2ⁿᵈ car = purple

33. Follow the instructions to see where you land. Where do you land?

(a) Start at the tree. ➔ Go 2 spaces to the right. ➔ _____

(b) Start at the ball. ➔ Go up 3 spaces, then 1 space to the right. ➔ _____

(c) Start at the ice cream. ➔Go back 1 space to the left, go down 3 spaces. ➔ _____

(d) Start at the shoes. ➔Go back 2 spaces, up 2 spaces, and 2 spaces to the right. ➔

_____

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this page**

34. I'm thinking of a secret number. If you double this number and then add 1, you get 13.
    What is my secret number?
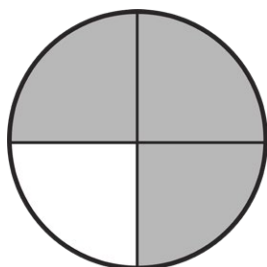
35. (a) There are ☐ days in a week.

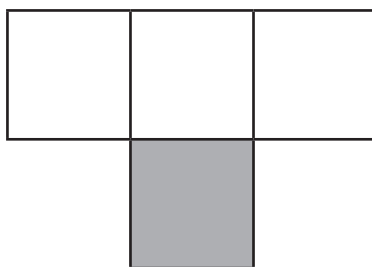   (b) There are ☐ months in a year.

36. In which season is October? _____

37. What fraction of each shape is shaded?

    (a)

    (b)

    _____   _____

38. There are 20 children in the school playground. $\frac{3}{4}$ of them are wearing runners and $\frac{1}{4}$ are wearing shoes. How many children are wearing runners?

    _____

39. How much money is in each jar?

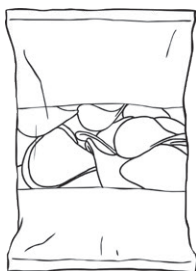☐ c   ☐ c   ☐ c

Jar 1   Jar 2   Jar 3

40. Draw the coins you could use to make €1.75.
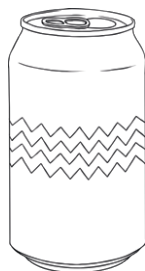
41. Mum gives Máire €2.00 to go into the local shop.
Have a look at the prices and answer the questions.

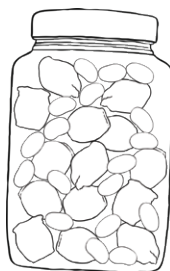| 80c | 40c | €1.70 | 65c | 70c | €1.50 |

(a) How much would crisps and chewing gum cost?   ☐ c + ☐ c = ☐
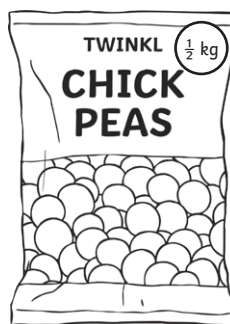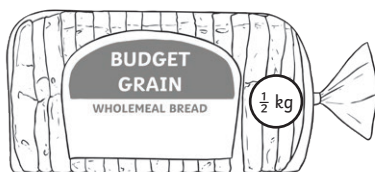What change would Máire get if she bought:

(b) Crisps and sweets?   ☐

(c) Two chocolate bars?   ☐

(d) Could she buy an ice cream cone and a soda drink with €2.00?   ☐

42. Look at the weight of each time and fill in the blanks:

RICE ¼ kg

BUDGET GRAIN WHOLEMEAL BREAD ½ kg

TWINKL ½ kg CHICK PEAS

twinkl GRANULATED SUGAR 1 kg

(a) The _____ is the heaviest item.

(b) The _____ is the lightest item.

(c) There are two items that weigh the _____.
They are the _____ and the _____.

43. Draw the hands on the clock to show the time:
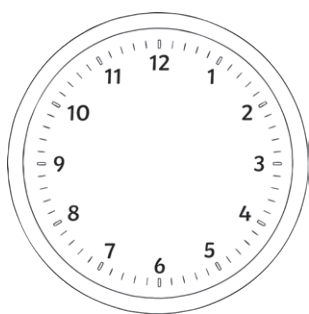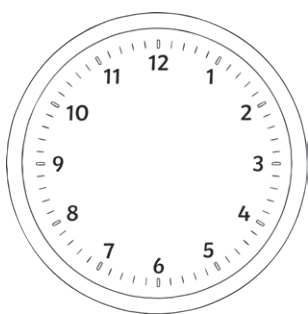
| 4:00 | 5:30 | 12:15 | 9:30 |

44. Write the following times using a digital clock:

half past 1	:
quarter past 11	:
half past 6	:

45. I am a 3D shape. I can stack, slide and roll. What am I? Colour the correct shape.
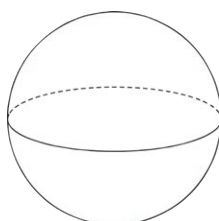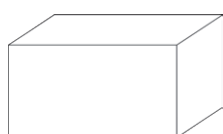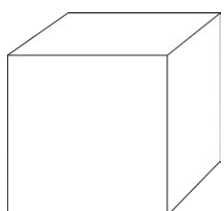
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46. I am a 3D shape. I have 6 faces that are all exactly the same size and shape.
    I can stack but I cannot roll. What am I? Colour the correct shape.

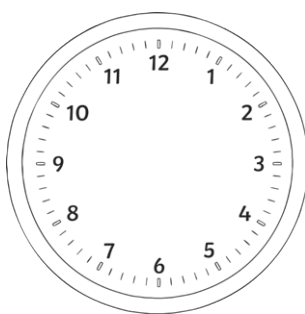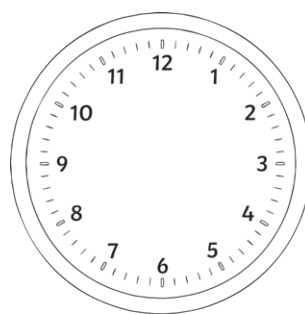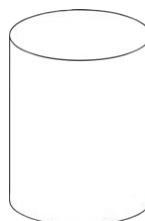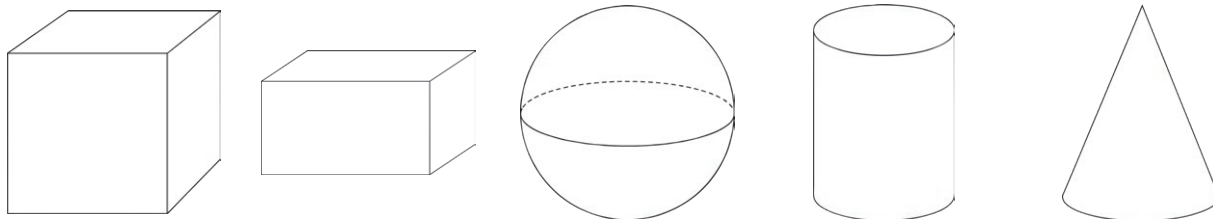47. Which shape below is the odd one out? _____
    Why? _____
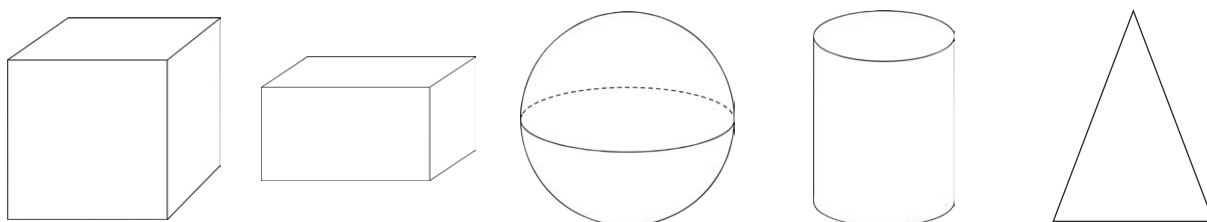
48. Which of these shapes covers the greatest area?
    Put an x in the shape that covers the largest area.
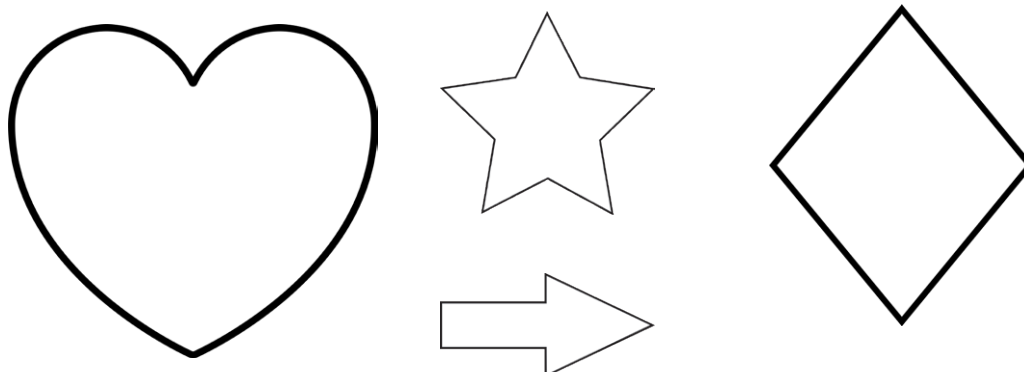
49. There are [　　　　] centimetres in a metre.

50. What would you use to measure the width of your copy, a ruler or a metre stick?
    Circle the correct answer.

51. What would you use to measure the length of your classroom, a ruler or a
    metre stick?
    Circle the correct answer.

52. Use your ruler to draw a line 14cm long in the box below.

53. Colour the correct amount in each jug:

1l	1l
½l	½l
½l	½l
¼l	¼l
0ml	0ml
1 litre	$\frac{1}{4}$ litre
1l	1l
½l	½l
½l	½l
¼l	¼l
0ml	0ml
$\frac{3}{4}$ litre	$\frac{1}{2}$ litre
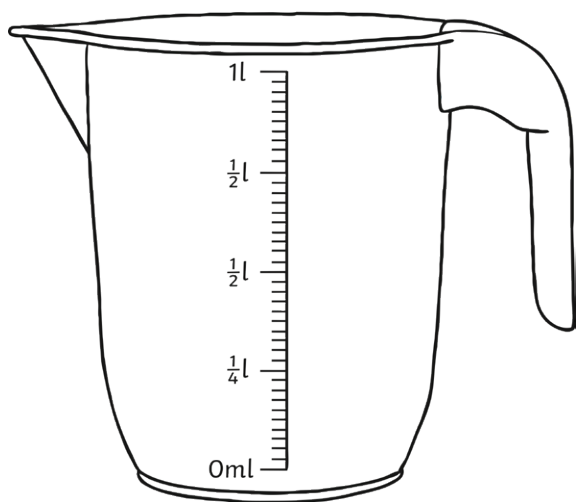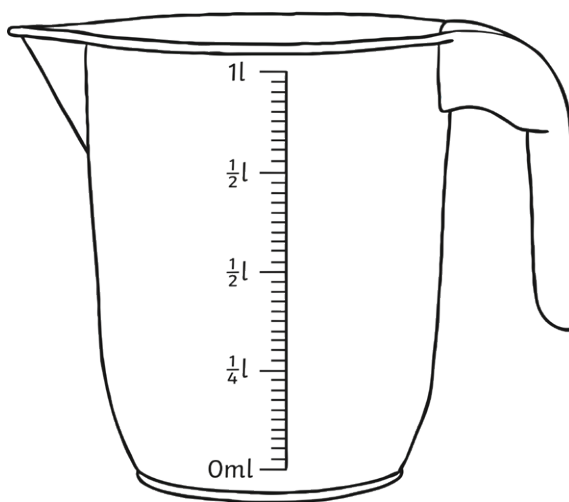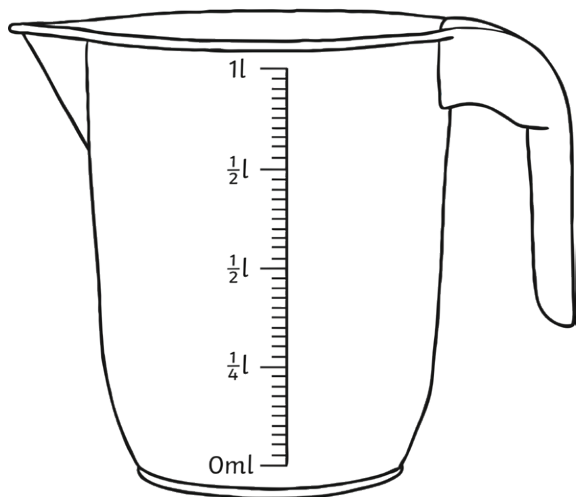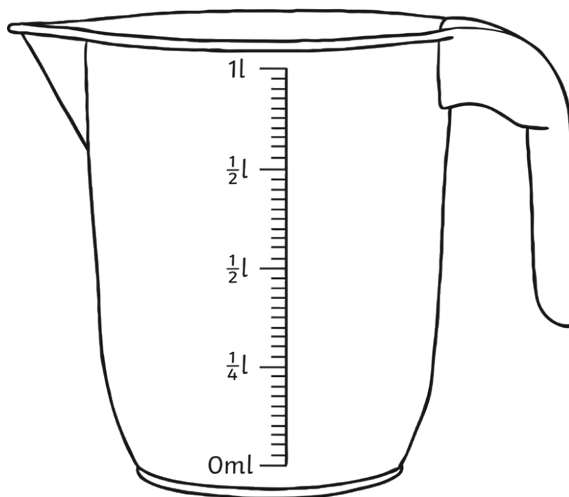
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54. Write these amounts in order from smallest to largest:

$\frac{3}{4}$ litre	$\frac{1}{4}$ litre	1 litre	$\frac{1}{2}$ litre	$1\frac{1}{2}$ litres

_____ _____ _____ _____ _____

55. The chart shows the number of children in 2nd class who play each sport.

Sports Played in 2ⁿᵈ Class
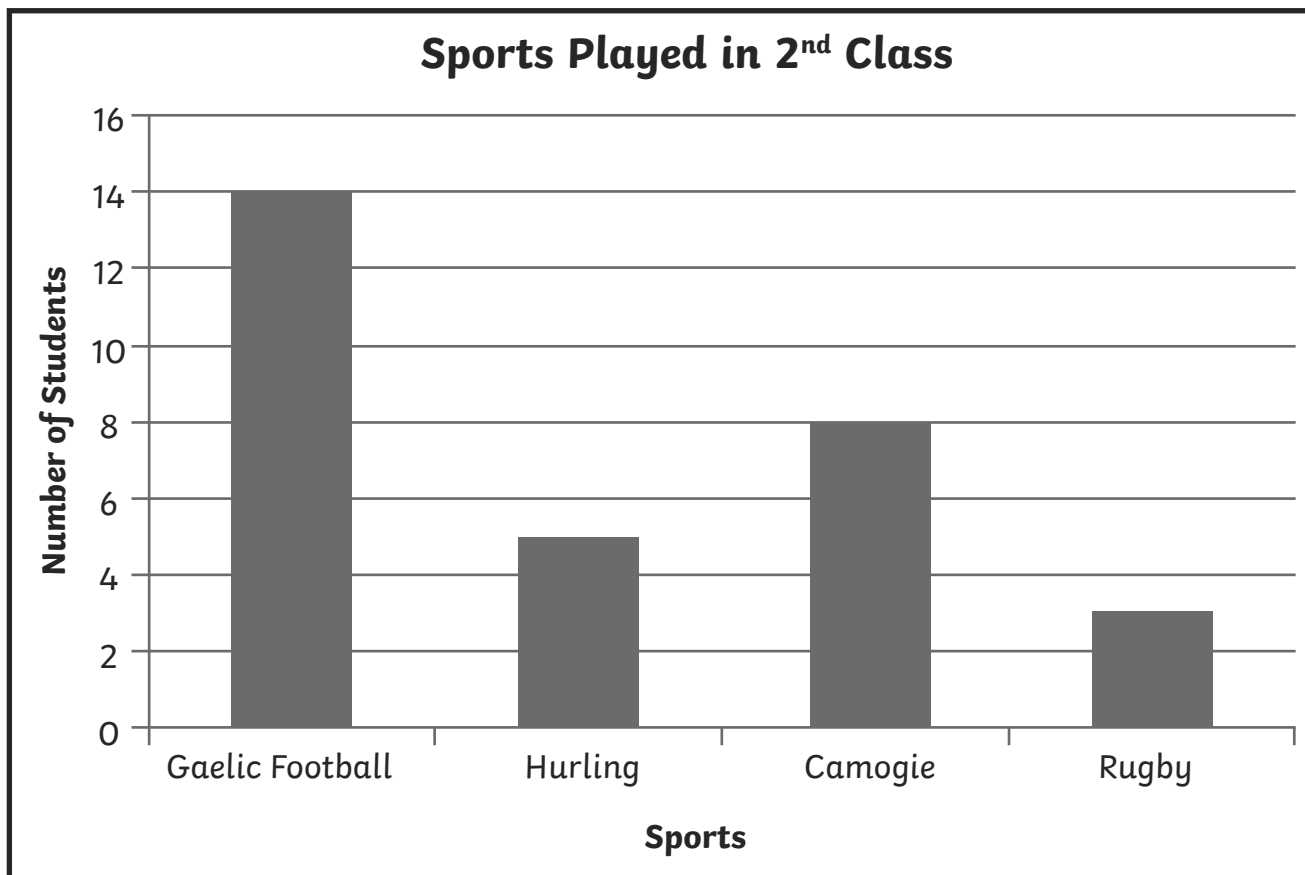
(a) Which sport is most popular in the class?

_____

(b) How many children play that sport?

(c) Which sport is least popular in the class?

(d) How many children are in the class altogether?

56. A packet of stickers cost 20c. I have 70c in my purse.
How many packets of stickers can I buy?

57. I'm thinking of a number. This number is an even
number. It has two digits, it is $\frac{1}{2}$ of 24. What is it?

✱✱END OF TEST✱✱

total for
this page

Second Class End of Year Maths Assessment

Answers

Questions	Answers
1	**9**
2	**8**
3	**13 + 11 = 24**
4	**3**
5	**20**
6	**16**
7	**17**
8	**11**
9	**25c**
10	**14**
11	**19**
12	**39 ➞ 40** **48 ➞ 50** **29 ➞ 30** **23 ➞ 20**
13	**19** **15 + 4 = 19**
14	**78** **101** **146**
15	**24** **90** **19**

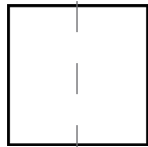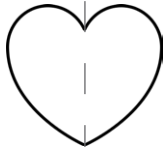| Questions	Answers
16	**37** **48 − 11 = 37**
17	**(10 + 6) − 2 = 14**
18	**5 Tens and 7 Ones (Units)**
19	**0 Tens and 6 Ones (Units)**
20	**3 groups of 10 balls should be circled with 5 left over**
21	**Abacus should show 1 bead on the hundreds spike, 3 beads on the tens spike and 6 beads on the ones spike**
22	**153 and 172**
23	**(a) 10** **(b) 50 and 60** **(c) 20 and 28**
24	**60c**
25	**Hundred square should have every multiple of 3 shaded out from 24 onwards**
26	**€1.30**
27	**Squares, rectangles and triangles (red)** **Circles (blue)** **Semi-circle (yellow)**
28	**Square – 4 sides, 4 corners** **Rectangle – 4 sides, 4 corners** **Oval – 1 side, 0 corners** **Semi-circle – 2 sides, 0 corners** **Circle – 1 side, 0 corners** **Triangle – 3 sides, 3 corners**
29	**(a) 9** **(b) 3**
30	

Questions	Answers
31	13 > 9 98 = 90 + 8 (5 + 3) < (9 + 4)
32	Picture should be coloured as instructed
33	(a) dog (b) apple (c) flower (d) ice cream
34	6
35	(a) 7 (b) 12
36	Autumn
37	(a) ¾ (b) ¼
38	15
39	Jar 1 – €1.52 Jar 2 – €1.10 Jar 3 – €0.92
40	The children should have drawn coins that add up to €1.75
41	(a) 80c + 70c = €1.50 (b) 55c (c) €1.20 (d) No
42	(a) The sugar is the heaviest item. (b) The rice is the lightest item. (c) There are two items that weigh the same. They are the bread and the chick peas.
43	| 4:00 | 5:30 | 12:15 | 9:30 | ∗ Clocks to show the above times
44	Half past 1 – 01:30 Quarter past 11 – 11:15 Half past 6 – 06:30
45	Cylinder

Questions	Answers
46	Cube
47	Triangle because it's the only 2D shape
48	Heart should be marked with an x
49	100
50	Ruler
51	Metre stick
52	Line drawn measuring 14cm
53	| 1 litre | ¼ litre | ¾ litre | ½ litre | Jugs coloured showing the above amounts
54	¼, ½, ¾, 1 litre, 1 ½ litres
55	(a) Gaelic Football (b) 14 (c) Rugby (d) 30
56	3
57	12