Pictograms-Questions

Key Stage 3: 2003 Paper 1 Level 3-5

1.

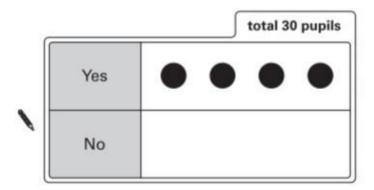
1. (a) Jeff asked 30 pupils if they travel to school by bus.

20 pupils said yes.

10 pupils said no.

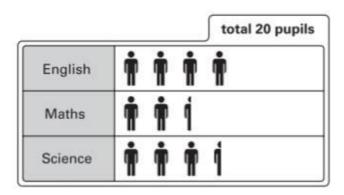
He started to draw a pictogram using the key represents 5 pupils.

Complete the pictogram to show Jeff's results.



1 mark

(b) Sue asked 20 pupils which subject they like best.
She drew this pictogram but forgot to write the key.



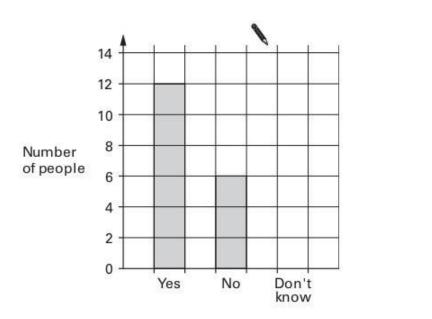
How many pupils does represent?

14. (a) Jackie asked 27 people:

'Do you like school dinners?'

The bar chart shows her results for 'Yes' and 'No'.

Complete the bar chart to show her result for 'Don't know'.



(b) This pictogram also shows her results for 'Yes' and 'No'.
Complete the pictogram to show her result for 'Don't know'.

Yes	0000
No	00
Don't know	

1 mark

1 mark

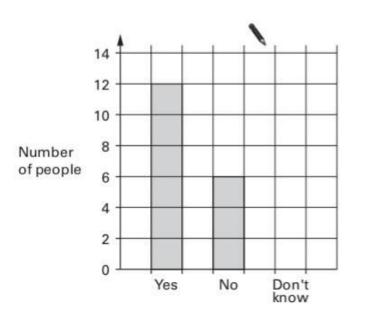
Key Stage 3: 2005 Paper 1 Level 4-6

7. (a) Jackie asked 27 people:

'Do you like school dinners?'

The bar chart shows her results for 'Yes' and 'No'.

Complete the bar chart to show her result for 'Don't know'.



1 mark

(b) This pictogram also shows her results for 'Yes' and 'No'.
Complete the pictogram to show her result for 'Don't know'.

	Yes	0000
	No	
-	Don't know	

23.	Bumps	are	built	on	9	road	to	elow	care	down
23.	bumps	are	Duilt	OII	ct.	roau	LO	SIOW	Cars	GOWII.

The stem-and-leaf diagrams show the speed of 15 cars before and after

the bumps were built.

2 3 means 23 mph

	Be	for	е				Af	ter				
2						2	3	4	4			
2	7	8				2	6	6	7	8	8	9
3	0	2	4			3	0	0	0	1	2	
3	5	6	8	9		3	5					
4	1	3	4	4	4	4						
4	6					4						

Use the diagrams to write the missing numbers in these sentences.



The maximum speed was mph, and

..... cars went at more than 30mph.

After the bumps:

The maximum speed was mph, and

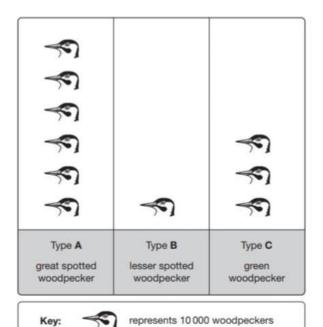
..... cars went at more than 30mph.

2 marks

Key Stage 3: 2006 Paper 2 Level 3-5

20. Three different types of woodpecker live in Britain.

The pictogram shows information about the numbers of each type.



(a) Complete the table below to show the percentages of each type of woodpecker.

	Type A	Туре В	Type C
-	%	%	%

1 mark

KS3/06/Ma/Tier 3-5/P2

24

0_MaP2_T3-5.indd 24

14/12/05 8:3

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Changing 120

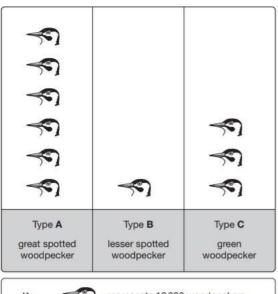
(b) The ratio of type A: type B woodpeckers is 6:1

What is the ratio of type B: type C woodpeckers?



14. Three different types of woodpecker live in Britain.

The pictogram shows information about the numbers of each type.



Key: represents 10 000 woodpeckers

(a) Complete the table below to show the percentages of each type of woodpecker.

Туре А	Type B	Type C	
%	%	%	

KS3/06/Ma/Tier 4-6/P2

16

33_KS3_MaP2_T4-6.indd 16

14/12/05 10:45:45

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Changing 120

(b) The ratio of type A: type B woodpeckers is 6:1

What is the ratio of type B: type C woodpeckers?



7.

15. Sam asked pupils in his class:

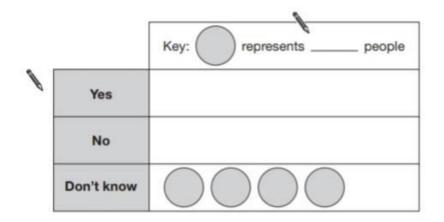
Do	vou like	American	football?	
DO	you like	American	100tball f	

There were 30 pupils in his class.

The same number of pupils said 'Yes' as said 'No'.

12 pupils said 'Don't know'.

Complete the key and the rows for Yes and No in Sam's pictogram.



Key Stage 3: 2008 Paper 2 Level 4-6

7. Sam asked pupils in his class:

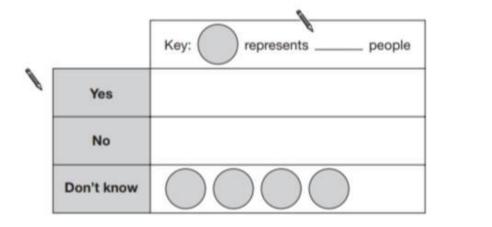
Do you like American football?

There were 30 pupils in his class.

The same number of pupils said 'Yes' as said 'No'.

12 pupils said 'Don't know'.

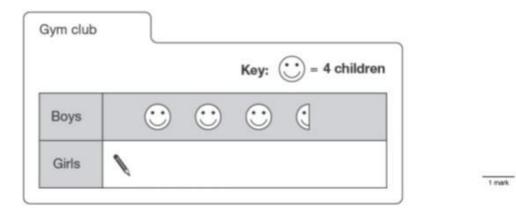
Complete the key and the rows for Yes and No in Sam's pictogram.



Key Stage 3: 2010 Paper 1 Level 3-5

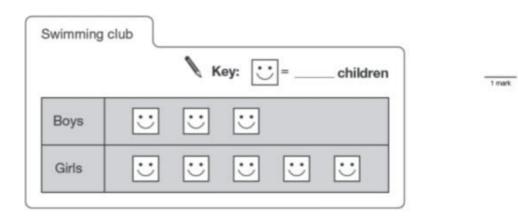
- A sports centre has two different clubs.
 - (a) 22 children go to the gym club.

Complete the pictogram.



(b) 10 more girls than boys go to the swimming club.

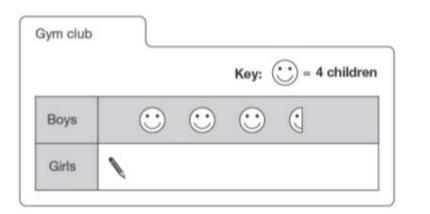
Complete the key.



Key Stage 3: 2010 Paper 1 Level 4-6

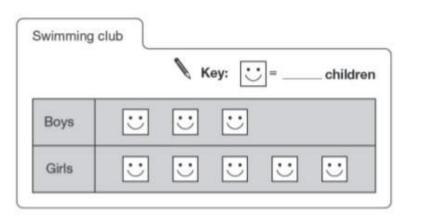
- 2. A sports centre has two different clubs.
 - (a) 22 children go to the gym club.

Complete the pictogram.



(b) 10 more girls than boys go to the swimming club.

Complete the key.



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