

Task 1

Practice

Use the totals to complete the pictograms: ● = 1 person

Colour	Number of People	Total
Red		5
Blue		4
Green		10
Yellow		7

Dog	
Cat	
Fish	
Rabbit	

Dog	10
Cat	12
Fish	4
Rabbit	7

Salad	
Pizza	
Pie	
Fish	

Salad	5
Pizza	6
Pie	13
Fish	8

Use the tally chart to complete the pictogram.

Goose	
Parrot	
Eagle	
Owl	

Goose	
Parrot	
Eagle	
Owl	

Task 2

Practice

Complete the missing sections of the tally charts and pictograms. ▲ = 1 person

Football	
Tennis	
Rugby	
Boxing	

Football	
Tennis	
Rugby	
Boxing	

Blonde	
Black	
Brown	
Red	

Blonde	
Black	
Brown	
Red	

Javelin	
Skipping	
Netball	
Cycling	

Javelin	
Skipping	
Netball	
Cycling	

Cereal	
Eggs	
Toast	
Porridge	

Cereal	
Eggs	
Toast	
Porridge	

Task 3

Reasoning

Explain your answers.

3a. Find and correct the mistake in Sam's pictogram.

Reading	●●●●●●●●
Swimming	●●●
Running	●●●●●●●●●●

● = 1 person

Reading	6
Swimming	2
Running	9

Explain what Sam did wrong.

3a. Sam should have drawn two symbols for swimming in his pictogram, not three.

6a. Find and correct the mistakes in Reece's pictogram.

Pizza	●●●●●●●●●●
Sausages	●●●●●
Burger	●●●●●●●●●●

● = 1 person

Pizza	14
Sausages	5
Burger	10
Chips	4

Explain what Reece did wrong.

6a. Reece should have drawn a row for 4 chips in the pictogram, along with symbols for 3 more pizzas and 1 more burger.

9a. Find and correct the mistakes in Mandip's pictogram.

Fiction	●●●●●●●●●●
Non-fiction	●●●●●●●●●●
Poetry	●●●●●●●●●●

● = 1 person

Fiction		Non-fiction	
Poetry		Poetry	
Comic		Fiction	

Explain what Mandip did wrong.

9a. Mandip should have drawn a row for 8 comics, added another 9 symbols for fiction, only 11 symbols for non-fiction and another 16 symbols for poetry.

Task 4

Problem solving

1b. Kim draws a pictogram from the following table.

Animals	
Cow	9
Sheep	●●●●●
Horse	4
Chicken	10

She knows there are more sheep than horses, but fewer sheep than cows.

How many sheep could she draw on her pictogram?

1b. Kim could draw 5, 6, 7 or 8 sheep on her pictogram.

4b. Stan is drawing a pictogram from the following chart.

Flowers	
Rose	
Daffodil	
Sunflower	●
Tulip	

He knows there are fewer sunflowers than daffodils, but more sunflowers than roses.

How many sunflowers could he draw on his pictogram?

4b. Stan could draw 8, 9, 10, 11 or 12 sunflowers on his pictogram.

7b. Jordan was drawing a pictogram to show the favourite pets in Year 2.

Class 2a		Class 2b	
Dog		Cat	
Cat		Bird	
Bird		Snake	

Use Jordan's information to draw one vertical pictogram to show both sets of information.

7b. Accept any vertical pictogram that shows 13 dogs, 27 cats, 14 birds and 4 snakes.





Challenge

2. Tilly and Matt visit the park with their class. They count the rides that they see and each make a tally chart.

Various answers, for example:

Park Rides	Tally
Roundabout	
Slide	
Climbing Frame	
Swing	

● = 1 ride

			
Roundabout	Slide	Climbing Frame	Swing

Tilly and Matt both want to draw a pictogram, but Matt drops his chart in a puddle!

Explore what Matt's pictogram could look like if he counts 27 rides in total. Use Tilly's tally chart to help you.

