








1. Use the chart to complete the pictogram:

Animal	Total
Dog	10
Cat	14
Rabbit	12
Fish	16

Pet	
Dog	
Cat	
Rabbit	
Fish	

 = 2 animals

Draw a square for every 2 animals.

Task 1

Practice

Complete the missing information:

1.

	Number of Library Books Borrowed
KS1 Boys	▲▲▲▲▲▲▲
KS1 Girls	▲▲▲▲▲▲▲▲
KS2 Boys	△△
KS2 Girls	△△△△△

2.

Pets	Number of Pets Treated
Dog	□□□□□□□□
Cat	■ ■ ■ ■ ■ ■ ■ ■ ■ ■
Rabbit	■ ■ ■ ■
Snake	□

Task 2

Practice

Complete the missing information:

1.

Favourite Fruit	Number of Children
Banana	■ ■ ■ ■ ■ ■ ■ ■
Apple	■ ■ ■ ■ ■ ■
Grapes	■ ■ ■ ■
Pear	■ ■ ■ ■ ■ ■ ■ ■

2.

Sport	Number of Children
Football	
Rugby	
Tennis	
Athletics	

Sport	Number of Children
Football	● ● ● ● ● ● ● ●
Rugby	● ● ● ● ● ● ● ●
Tennis	● ● ● ● ● ● ● ●
Athletics	● ● ● ● ● ● ● ●

Task 3

Reasoning

Explain your answers.

5a. Ed is drawing a pictogram to show Year 2's favourite drinks.

Drinks	Number of Children ● = 10 children
Orange	●●●
Cola	●
Water	
Milk	●●●

Ed says,

I must draw 30 circles to show 30 children like water.



Is he correct? Explain your answer.

No, 1 image = 10 children, so Ed must draw 3 images.

5b. Olivia is drawing a pictogram to show Year 2's favourite playground games.

Games	Number of Children ● = 2 children
Football	●●●●
Skipping	
Hopscotch	●●●
Races	●●

Olivia says,

I must draw 10 circles to show 20 children like skipping.



Is she correct? Explain your answer.

No, 1 image = 2 children, so Olivia must draw 10 images

8a. Riley is drawing a pictogram to show 30 of his friends' favourite superheroes.

Superheroes	Number of Children
Super Cat	●●●●
Bat Dog	●●●
Iron Boy	●●●
Green Girl	

Riley says,

I must draw 1 circle to show 10 children prefer Green Girl.



Is he correct? Explain your answer.

No, 1 image = 2 children, so Riley must draw 5 images

Task 4

Problem solving

6a. Evie is drawing a pictogram where ● = 5 children.

Type of Shoe	Number of Children
Boots	●●●●
Trainers	
School Shoes	●●●●●●
Sandals	

Evie knows more children wear trainers than sandals, but fewer children wear trainers than boots. How many children could wear trainers? Complete the pictogram.



Various answers, for example:

Shoe Type	Number of Children ● = 5 children
Boots	○○○○○
Trainers	●●●
School Shoes	○○○○○○
Sandals	●●

6b. Jakub is drawing a pictogram where ● = 10 children.

Accommodation	Number of Children
Detached House	●
Cottage	
Terraced House	
Flat	●●●●●●

Jakub knows more children live in a flat than live in a cottage, but more children live in a cottage than a terraced house. How many children could live in a cottage? Complete the pictogram.



Various answers, for example:

Accommodation	Number of Children ● = 10 children
Detached House	●
Cottage	●●●
Terraced House	●●
Flat	○○○○

7b. A class is collecting information.

3 fewer children like broccoli than carrots.

7 fewer children like sweetcorn than broccoli.

2 more children like carrots than peas.

15 children like peas.

Create a pictogram to display this information using the fewest number of images possible. Remember you can use half images.

Various answers, for example:

Vegetable	Number of Children ● = 2 children
Broccoli	●●●●●●●
Carrots	●●●●●●●●
Sweetcorn	●●●●
Peas	●●●●●●●●

