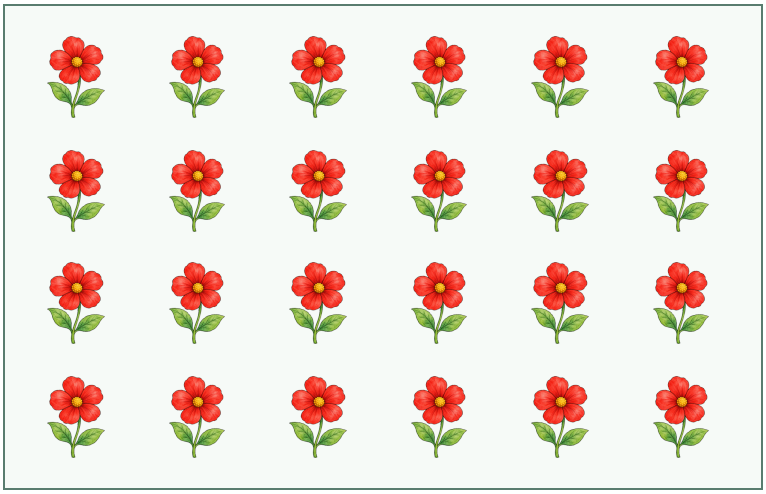
Picture maths: arrays, sharing and graphs

NAME	DATE

1 The 24 flowers are in 4 equal rows. What number goes in the box?

$24 \div 4 =$ ☐



2 Share 6 cookies equally onto 2 plates. Write a division equation to show how many cookies go on each plate.



Plate 1 Plate 2

You may draw marks on the plates to help.

Picture maths: arrays, sharing and graphs

3 The strips are the same size. Who colours more, and why?

Maya · 1/3



Leo · 2/3



Each strip represents one whole.

○ Maya: fewer parts make more. ○ Leo: more equal parts are coloured.

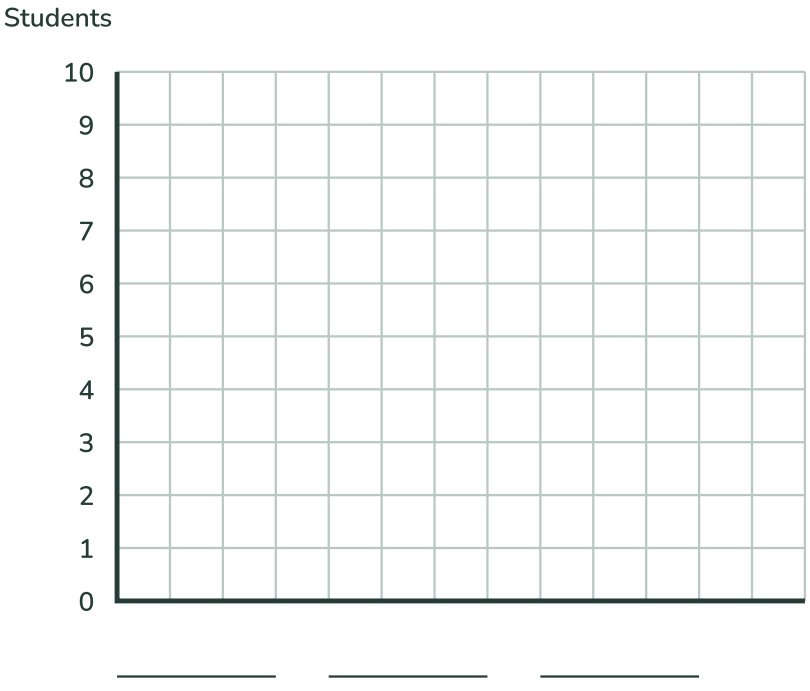
○ Both: the wholes have the same size.

4 The table shows the fruit students chose for snack. Draw a bar for each fruit. Use one square for each student. Write a title and label each bar.

Fruit chosen for snack

Fruit	Students
 Oranges	5
 Pears	5
 Apples	3

Title: _____



_____ _____ _____

1 square = 1 student

Picture maths: arrays, sharing and graphs

1. 6

Practice / supporting evidence: Reads a division from an array; the skill is the product an array shows.

2. 6 ÷ 2 = 3

Evidence for the stated action: Checks the bounded response named here against the supplied problem. A single example does not certify the whole parent skill or outcome.

3. Leo: more equal parts are coloured.

Evidence for the stated action: Checks the bounded response named here against the supplied problem. A single example does not certify the whole parent skill or outcome.

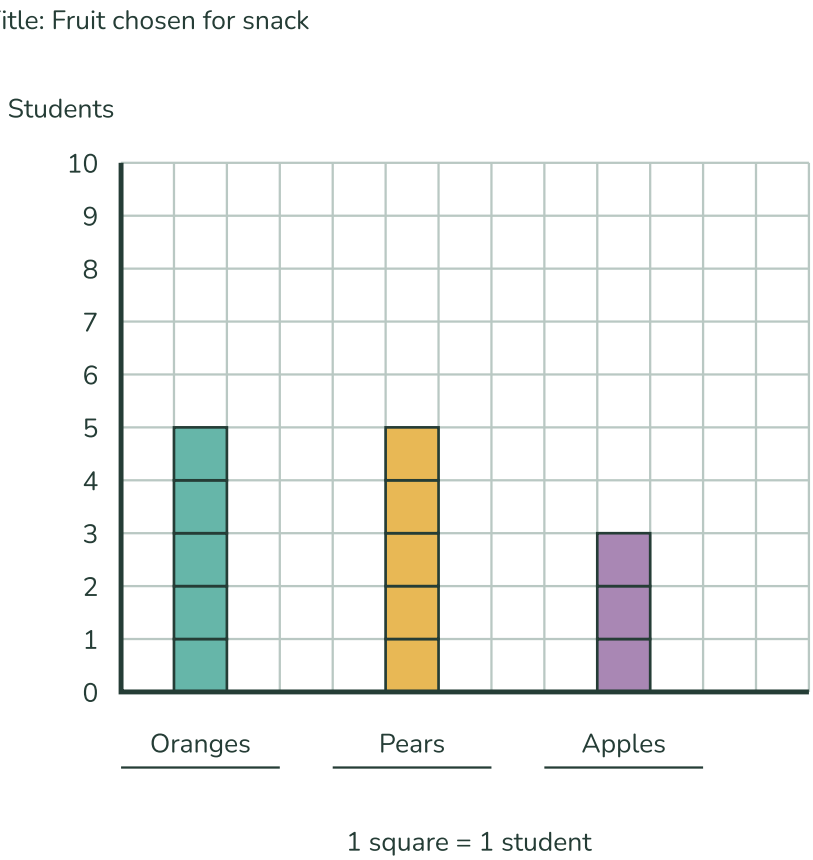
4. Three labelled bars, each one square wide, starting at zero, with a gap between bars: oranges 5; pears 5; apples 3. A suitable title, such as “Fruit chosen for snack”, and matching fruit labels are required. Every square represents 1 student. Any bar order is valid when labels and heights match the supplied table. This is graph construction from supplied data; it does not establish first-hand collection.

Evidence for the stated action: Checks the bounded response named here against the supplied problem. A single example does not certify the whole parent skill or outcome.

Picture maths: arrays, sharing and graphs

Fruit chosen for snack

Fruit	Students
 Oranges	5
 Pears	5
 Apples	3



Three labelled bars, each one square wide, starting at zero, with a gap between bars: oranges 5; pears 5; apples 3. A suitable title, such as “Fruit chosen for snack”, and matching fruit labels are required. Every square represents 1 student. Any bar order is valid when labels and heights match the supplied table. This is graph construction from supplied data; it does not establish first-hand collection.