

Y3 Pictograms and Tables

KS2 Maths · Follows the national curriculum

Name _____ Class _____ Date _____

1. Worked example

Key: 1 star = 2 books. Maya's row has 5 stars. How many books did she read?

Step 1 · Each star is worth 2

Count in 2s

Step 2 · 5 stars $\times 2$

= 10

Answer: Maya read 10 books

Check: 2, 4, 6, 8, 10 ✓

2. Now try one with the steps

Key: 1 circle = 4 children. A row has 3 circles and a half circle. How many children?

Step 1 · 3 whole circles

Step 2 · Half a circle is half of 4

Step 3 · Add

Answer:

3. Practice

Have a go at each one. There is space underneath to work it out.

1. In a pictogram, 1 apple symbol = 2 apples. How many apples do 4 symbols show?

2. 1 smiley = 5 children. A row has 3 smileys. How many children is that?

3. 1 circle = 4 votes. How many votes does half a circle show?

4. 1 circle = 10 people. A row has 2 and a half circles. How many people?

5. A table shows pets: Dogs 9, Cats 7, Fish 4. How many pets altogether?

6. Same table: Dogs 9, Cats 7, Fish 4. How many more dogs than fish?

7. 1 star = 2 points. How many stars would you draw for 12 points?

8. 1 star = 4 points. How many stars would you draw for 10 points?

9. 1 circle = 8 children. Monday has 4 circles. Tuesday has 2 circles. How many more children on Monday than Tuesday?

10. 1 circle = 4 children. Strawberry has 5 circles, Chocolate has 3 and a half. How many fewer chose chocolate?

11. A table shows books read: Week 1: 35, Week 2: 48, Week 3: 27. How many books in the three weeks?

12. Same table: Week 1: 35, Week 2: 48, Week 3: 27. Which week had the fewest books?

13. A class of 30 voted. Red got 12, Blue got 9 and the rest chose Green. How many chose Green?

14. 1 symbol = 10 cars. 45 cars passed the school. How many symbols are needed?

4. Before you hand it in

Counting each symbol as 1 when the key says 1 symbol = 4.

Always read the key first. Then count in steps of the key: 4, 8, 12 ...

Counting a half symbol whole one.

Half a symbol is worth half the key. If 1 = 4, then half = 2.

Adding when the question says 'how many more'.

'How many more' or 'how many fewer' means find the DIFFERENCE: subtract.

Drawing symbols of different sizes.

Draw every symbol the same size and line them up neatly in columns.