Year 5 Summer 2 Week 9 Lesson 2
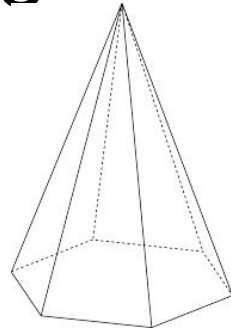
Can I interpret pictograms?

Fast Five - Answers on the next slide.

1. 37 x 49 =
2. How many vertices, edges and faces does this shape have?
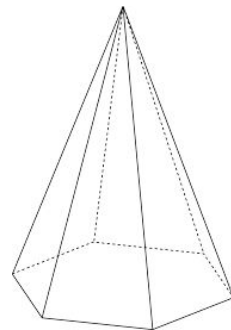3. 64 ÷ 4 =
4. Find ⅙ of 84
5. ⅔ + ⅕ =

Fast Five - Answers.

1. 37 x 49 = 1813
2. How many vertices, edges and faces does this shape have? Vertices - 7

   Edges - 12

   Faces - 7

3. 64 ÷ 4 = 16
4. Find ⅙ of 84 = 14
5. ⅔ + ⅕ = 13/15

What are pictograms?

Pictograms show information in the form of pictures. Each picture has a set value. We can see the information clearly and quickly with a pictogram.

PICTOGRAMS

Key:: 🙂 means 1 child

Fruit	Favorite Fruit
apple	🙂 🙂 🙂 🙂 🙂
banana	🙂 🙂 🙂 🙂 🙂 🙂 🙂
strawberry	🙂 🙂 🙂
pear	🙂 🙂
grapes	🙂 🙂 🙂 🙂

The key tells you how much each picture is worth.

In this pictogram, the picture showing an amount is a smiley face.

We can use this information to answer some questions.
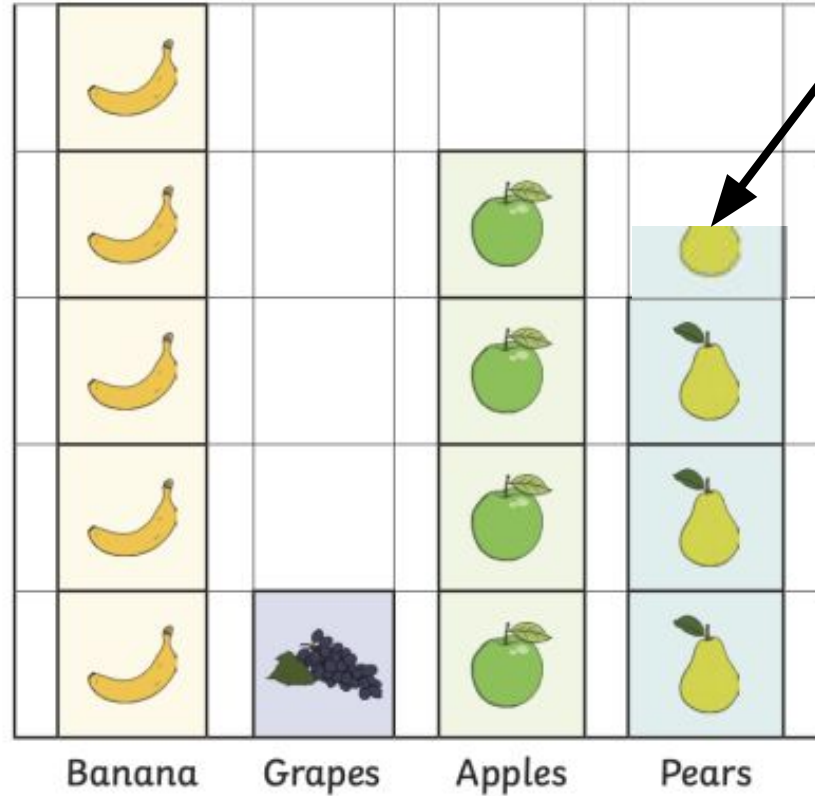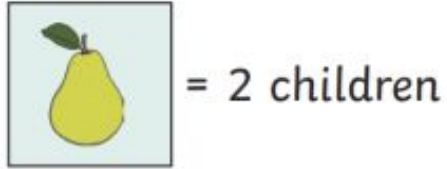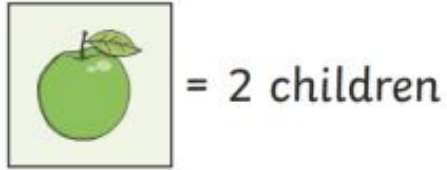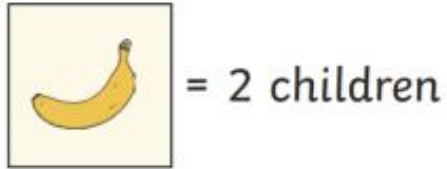
PICTOGRAMS

Key: 😃 means 1 child

Fruit	Favorite Fruit
🍎 apple	😃 😃 😃 😃 😃
🍌 banana	😃 😃 😃 😃 😃 😃 😃
🍓 strawberry	😃 😃 😃
🍐 pear	😃 😃
🍇 grapes	😃 😃 😃 😃

How many more children preferred bananas to strawberries?

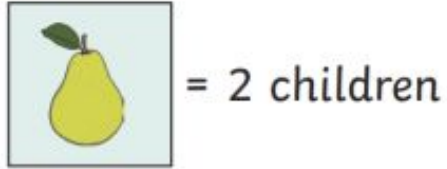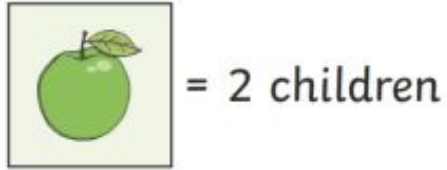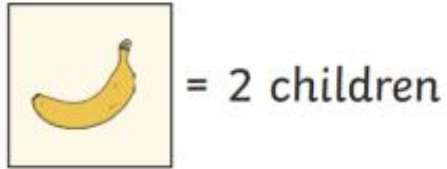7 children chose bananas and 3 children chose strawberries. We need to find the difference…

7-3=4

Favourite Fruit

= 2 children

= 2 children

= 2 children

= 2 children

Banana   Grapes   Apples   Pears

Some pictograms have half a picture. This means they are worth half the full value.

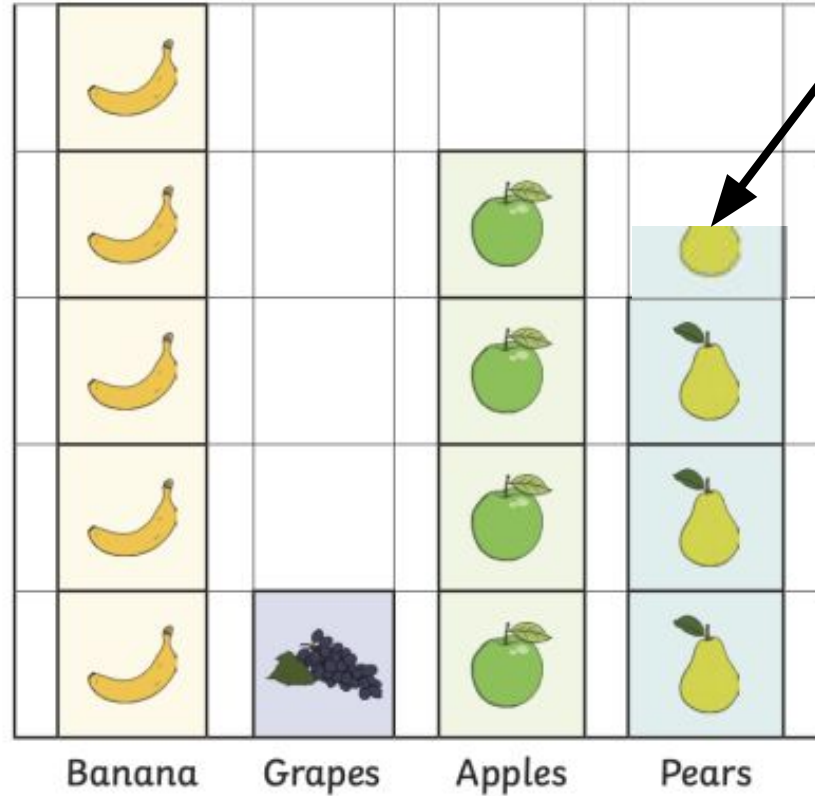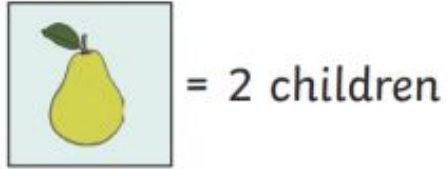A whole pear represents 2 children so half a pear represents 1 child.

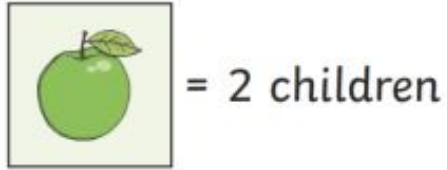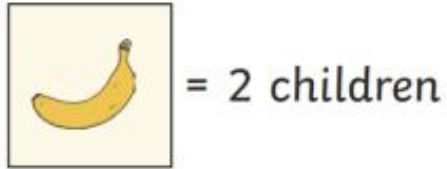## Favourite Fruit

= 2 children

= 2 children

= 2 children

= 2 children

Banana   Grapes   Apples   Pears

How many children liked apples and pears?

8 children like apples and 7 children like pears. We need to find the total...
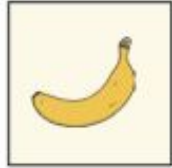
8+7=15 children

Favourite Fruit

How many more children liked apples than grapes? Answer on the next slide.

Favourite Fruit

	Banana	Grapes	Apples	Pears

Legend:
- Banana = 2 children
- Grapes = 2 children
- Apples = 2 children
- Pears = 2 children

How many more children liked apples than grapes?

8 children like apples and 2 children like grapes. We need to find the difference...
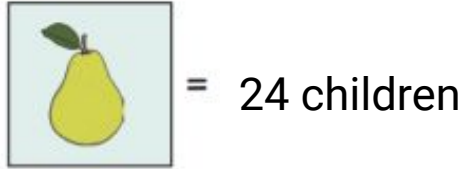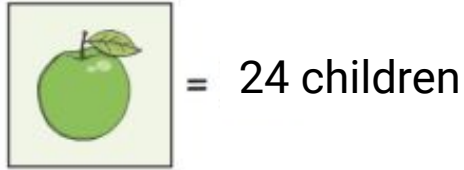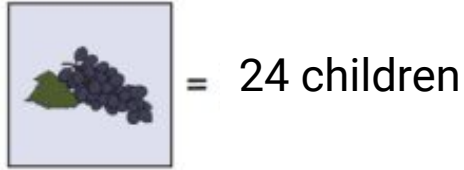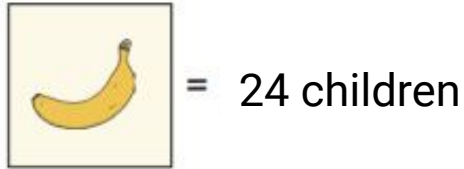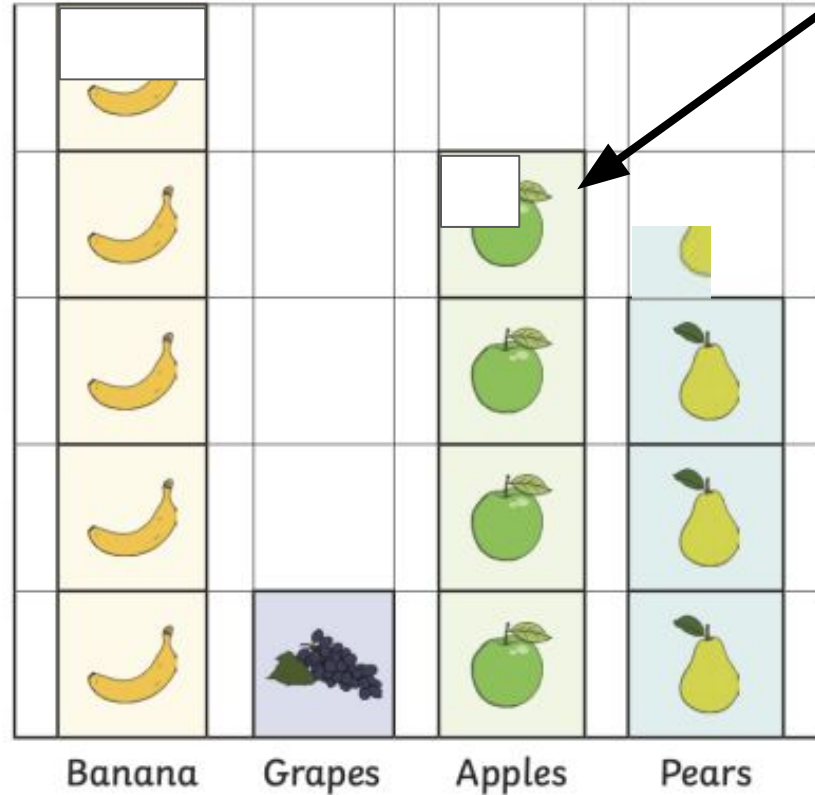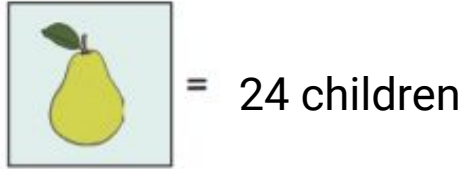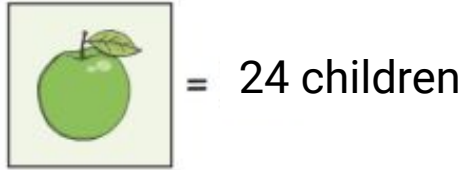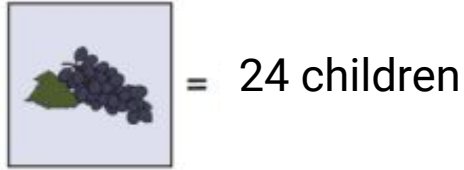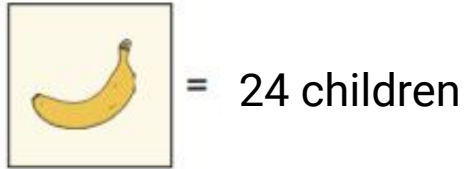
8-2=6 children

Favourite Fruit
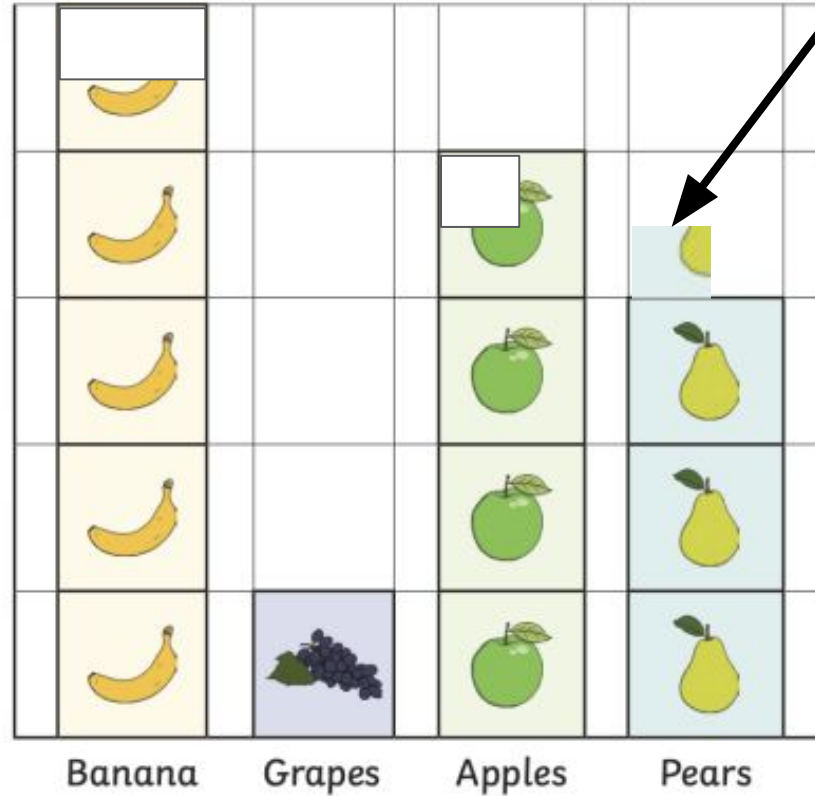
Some pictograms have quarter of a picture. This means they are worth ¼ of the full value.

A whole pear represents 24 children so a ¼ of a pear represents 6 children. We divide by 4!

Favourite Fruit

= 24 children

= 24 children

= 24 children

= 24 children

Banana   Grapes   Apples   Pears
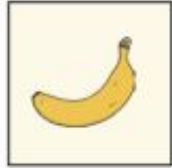
Some pictograms have three quarters of a picture. This means they are worth ¾ of the full value.

A whole pear represents 24 children so a ¼ of a pear represents 6 children. We divide by 4 then multiply that by 3. So ¾ is 18 children.

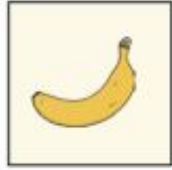**Favourite Fruit**

= 24 children

= 24 children

= 24 children

= 24 children

How many children were asked in total? Answer on the next slide.

Favourite Fruit

Banana = 24 children
Grapes = 24 children
Apples = 24 children
Pears = 24 children

How many children were asked in total?
300 children

We add up the number of children from each vote.

Favourite Fruit
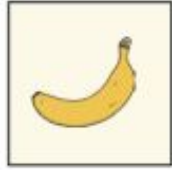
🍌 = 24 children

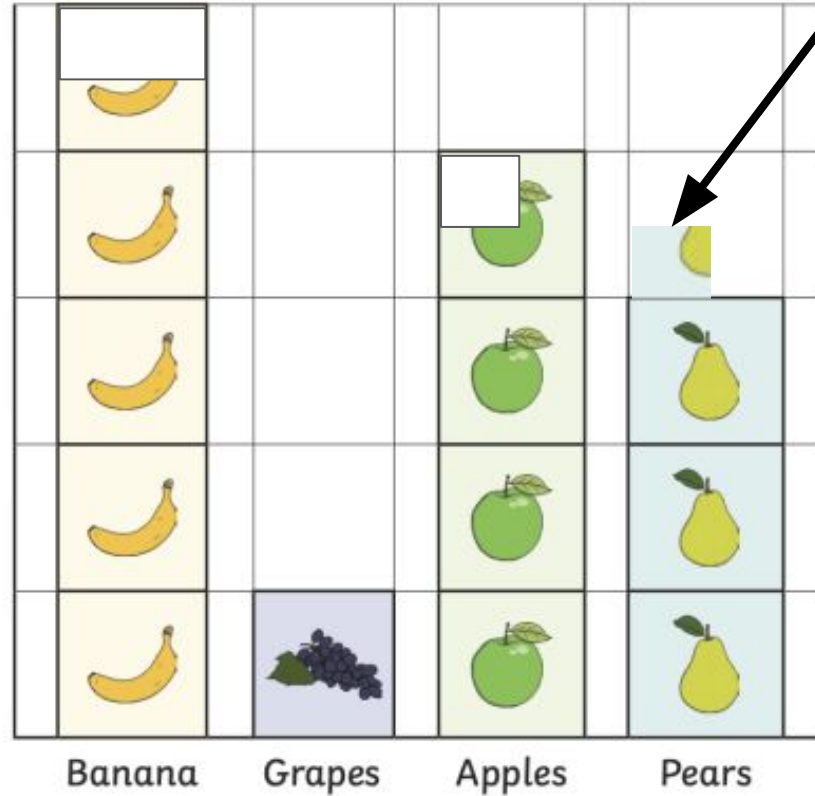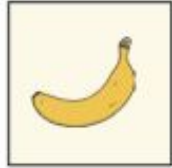🍇 = 24 children

🍏 = 24 children

🍐 = 24 children

How many more children preferred bananas to apples?
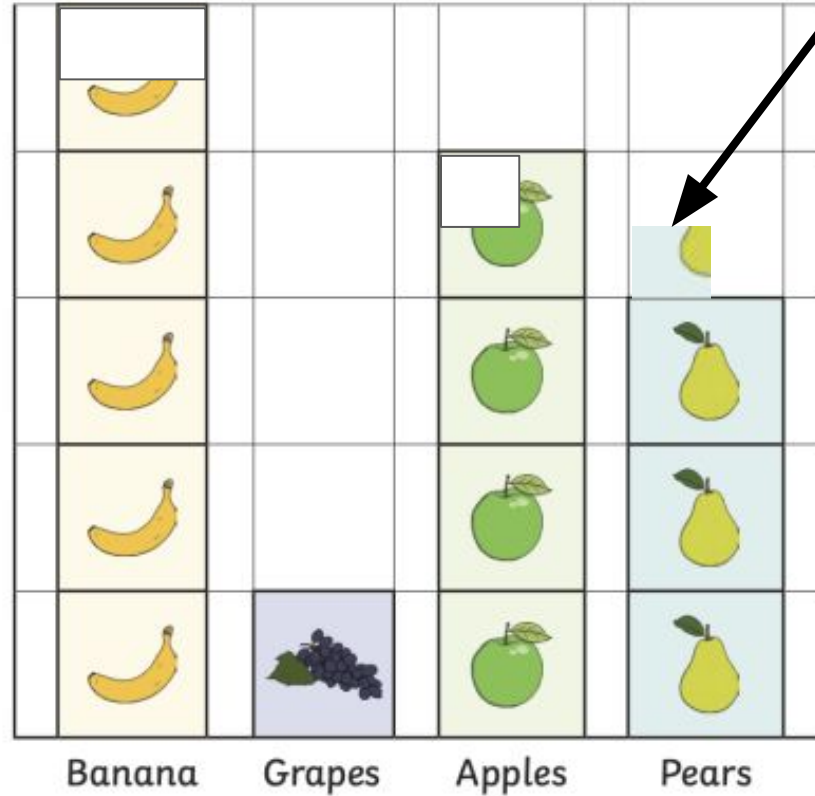Answer on the next slide.

Favourite Fruit

How more many children preferred bananas to apples?
18 children

Activity:

Red: Answering questions on pictograms. The value of pictures is 2.

Yellow: Answering questions on pictograms. Some half and quarter pictures.

Green: Answering questions on pictograms. Some half and some quarter pictures. Including 3/4