

Pictograms

A Pictogram is a statistical diagram that uses *pictures* to represent frequencies

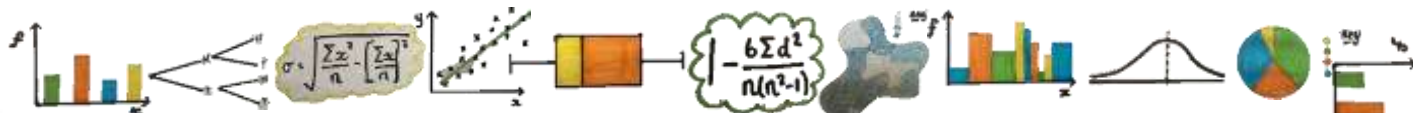
Usually each picture represents more than one frequency and fractions of the picture represent smaller frequencies.

A pictogram must have a key and you can use only one picture for all variables

You may be asked to read data from a pictogram or draw a pictogram from given data

A pictogram can be used for:

- ✓ Qualitative Data
- ✓ Discrete Data
- ✓ Continuous Data



Look at the diagrams below

Circle all which are a complete statistical pictogram

EXT can you give a reason for the ones you have not circled?

Eye Colour	Key: = 2 people
Blue	
Brown	
Green	
Other	

Pets Type	Key: = 4 people
Cat	
Dog	
Fish	
Other	

No. of siblings	
0	
1-3	
4-6	
7+	

No. of detentions	Key: = 5 people
0	
1-10	
11-20	
21+	

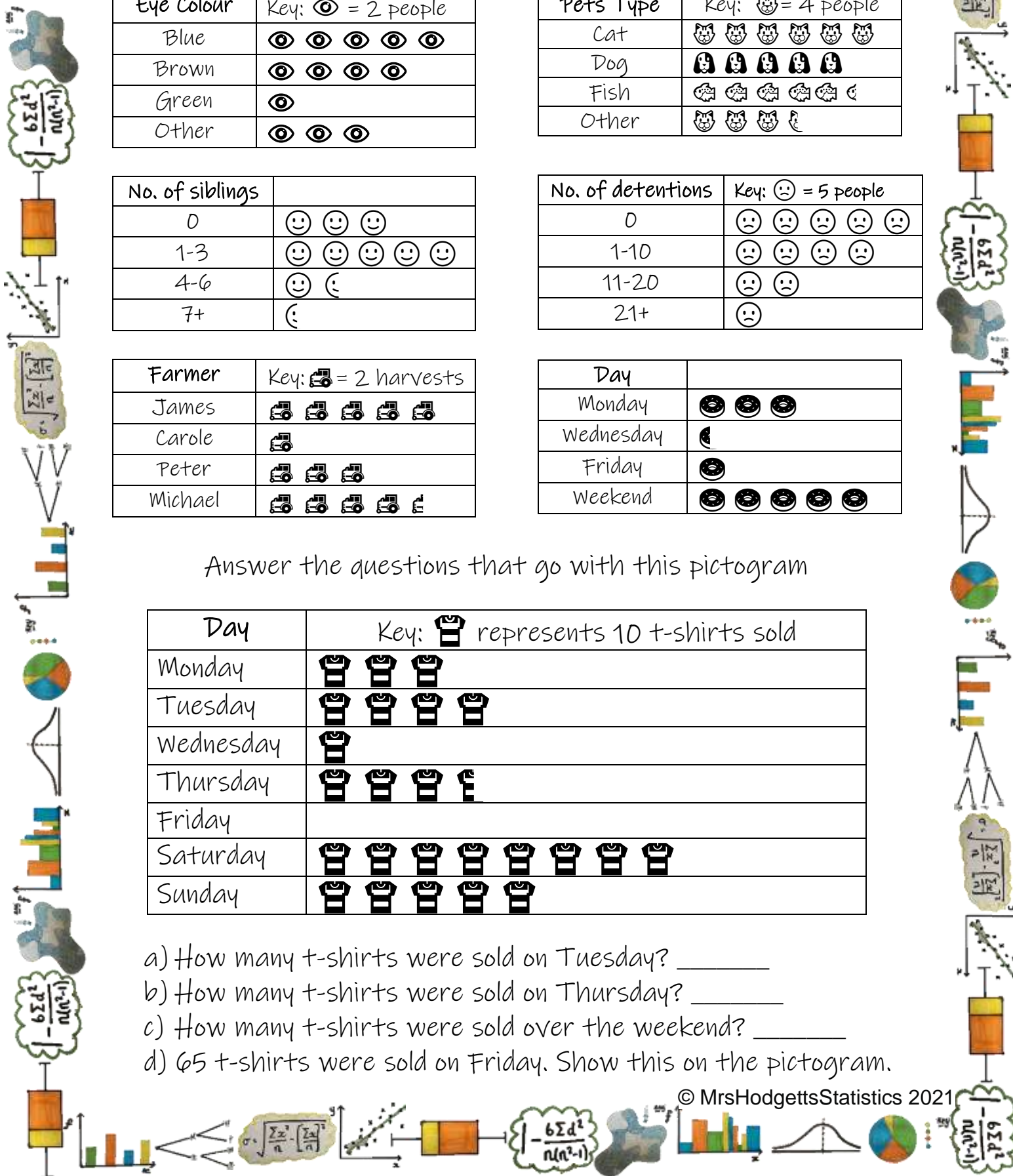
Farmer	Key: = 2 harvests
James	
Carole	
Peter	
Michael	

Day	
Monday	
Wednesday	
Friday	
Weekend	

Answer the questions that go with this pictogram

Day	Key: represents 10 t-shirts sold
Monday	
Tuesday	
Wednesday	
Thursday	
Friday	
Saturday	
Sunday	

- How many t-shirts were sold on Tuesday? _____
- How many t-shirts were sold on Thursday? _____
- How many t-shirts were sold over the weekend? _____
- 65 t-shirts were sold on Friday. Show this on the pictogram.



Solutions

Circle all which are a complete statistical pictogram
 EXT can you give a reason for the ones you have not circled?

Eye Colour	Key: 👁 = 2 people
Blue	👁 👁 👁 👁 👁
Brown	👁 👁 👁 👁
Green	👁
Other	👁 👁 👁

Pets Type	Key: 🐱 = 4 people
Cat	🐱 🐱 🐱 🐱 🐱 🐱
Dog	🐶 🐶 🐶 🐶 🐶
Fish	🐟 🐟 🐟 🐟 🐟 🐟
Other	🐱 🐱 🐱 🐱

No. of siblings	
0	😊 😊 😊
1-3	😊 😊 😊 😊 😊
4-6	😊 😊
7+	😊

No. of detentions	Key: 😞 = 5 people
0	😞 😞 😞 😞 😞
1-10	😞 😞 😞 😞
11-20	😞 😞
21+	😞

Farmer	Key: 🚜 = 2 harvests
James	🚜 🚜 🚜 🚜 🚜
Carole	🚜
Peter	🚜 🚜 🚜
Michael	🚜 🚜 🚜 🚜 🚜

Day	
Monday	🌀 🌀 🌀
Wednesday	🌀
Friday	🌀
Weekend	🌀 🌀 🌀 🌀 🌀 🌀

Answer the questions that go with this pictogram

Day	Key: 🕒 represents 10 t-shirts sold
Monday	🕒 🕒 🕒
Tuesday	🕒 🕒 🕒 🕒
Wednesday	🕒
Thursday	🕒 🕒 🕒 🕒
Friday	🕒 🕒 🕒 🕒 🕒 🕒 🕒
Saturday	🕒 🕒 🕒 🕒 🕒 🕒 🕒 🕒
Sunday	🕒 🕒 🕒 🕒 🕒

- How many t-shirts were sold on Tuesday? 40
- How many t-shirts were sold on Thursday? 35
- How many t-shirts were sold over the weekend? 130
- 65 t-shirts were sold on Friday. Show this on the pictogram.