Do it in the book page no.155

CHECKPOINT

Fill in the blanks.

1. Pictographs use _pictures_ or _symbols_ to represent facts or numbers.

2. A pictograph mainly has _three_ elements.

A. The following pictograph represents the favourite sports of all the students in Class IV.

Cricket	⚫ ⚫ ⚫ ⚫ ⚫
Swimming	⚫ ⚫ ⚫ ⚫
Table Tennis	⚫ ⚫ ⚫
Football	⚫ ⚫ ⚫ ⚫ ⚫ ⚫ ⚫
Skating	⚫ ⚫ ⚫ ⚫

Each ⚫ represents 15 children.

1. Which is the most popular sport among the children of Class IV? *Football*
2. Which is the least liked sport? *Table Tennis*
3. What is the total number of children who like skating and swimming? $(4+4) = 8$
   $8 \times 15 = \underline{120}$
4. What is the total number of children in Class IV? 22×15
   $= \underline{330}$

B. The number of letters collected from a post box in each of the five months is shown below.

July	✉ ✉ ✉
August	✉ ✉ ✉ ✉ ✉
September	✉ ✉
October	✉ ✉ ✉ ✉
November	✉ ✉ ✉ ✉ ✉ ✉

Each ✉ represents 50 letters.

1. In which month were minimum number of letters collected? *September*
2. In which month were maximum number of letters collected? *November*
3. How many more letters were collected in July than in September? $(3-2=1)$ ⟶ 1×50
   $= 50$
4. What was the total number of letters collected in five months? 20×50
   $= 1000$

C. The number of people visiting a zoo on five days of a week is shown in the following pictograph.

Monday	😀 😀 😀 😀
Tuesday	😀 😀 😀 😀 😀 😀
Wednesday	😀 😀 😀 😀 😀 😀 😀 😀
Thursday	😀 😀 😀 😀 😀
Friday	😀 😀 😀 😀 😀 😀 😀

Each 😀 represents 20 persons.

1. On which day did most number of people visit the zoo? How many? *Wednesday*
   $8 \times 20 = 160$

2. On which day did the least number of people visit the zoo? *Monday*

3. If the entry ticket costs ₹ 20, what was the collection on Friday? $7 \times 20 = 140$
   $\Rightarrow 140 \times ₹ 20$
   $= ₹ 280$

4. How many less people visited the zoo on Thursday than on Tuesday?
   $(6 - 5 = 1) \Rightarrow 1 \times 20$
   $= 20$

WORKSHEET ①

PICTOGRAPHS

A. Tick (✓) the correct options.

1. A _____ is a pictorial representation of the data using pictures or symbols.

   a. tally mark ☐   b. pictograph ✓   c. bar graph ☐

2. A pictograph mainly has _____ elements.

   a. 1 ☐   b. 2 ☐   c. 3 ✓

B. Draw a pictograph using the data given below.

SUBJECTS	SOCIAL SCIENCE	HINDI	ENGLISH	SCIENCE	MATHS
Periods in a month	15	20	30	60	50

C. The number of fans produced by a factory in the four weeks of October is given below.

FIRST WEEK	🌀 🌀 🌀 🌀
SECOND WEEK	🌀 🌀 🌀 🌀 🌀
THIRD WEEK	🌀 🌀 🌀 🌀 🌀 🌀
FOURTH WEEK	🌀 🌀

Each 🌀 represents 20 fans.
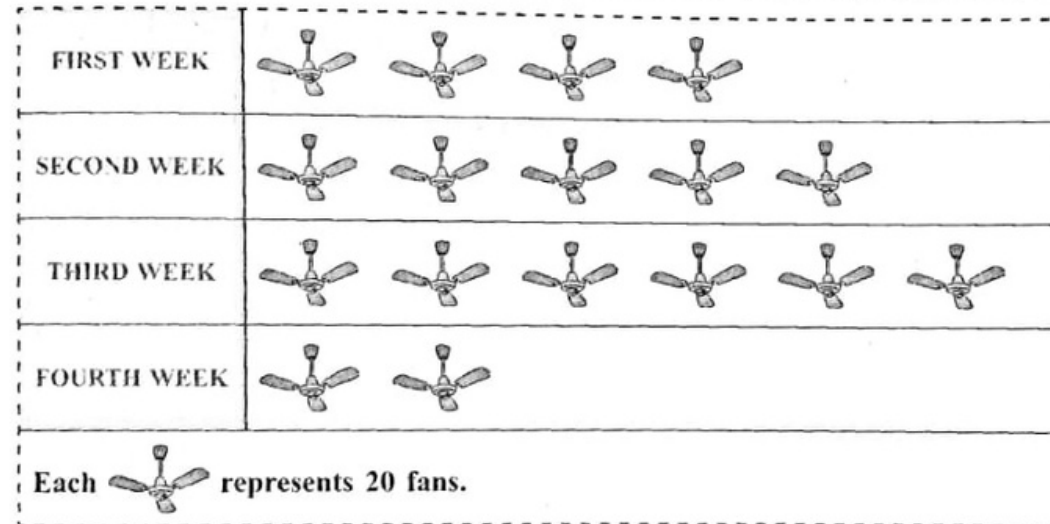
Answer the following questions.

1. In which week the maximum numbers of fans were produced? How many? *Third week (6 X 20 = 120 fans)*

2. In which week the least number of fans were produced? How many? *Fourth week (2 X 20 = 40 fans)*

3. How many fans were produced in the first week? *(4 X 20 = 80) fans*

4. How many fans were produced in the second week? *(5 X 20 = 100 fans)*

5. What is the total number of fans produced in October? *17 X 20 = 340 fans*

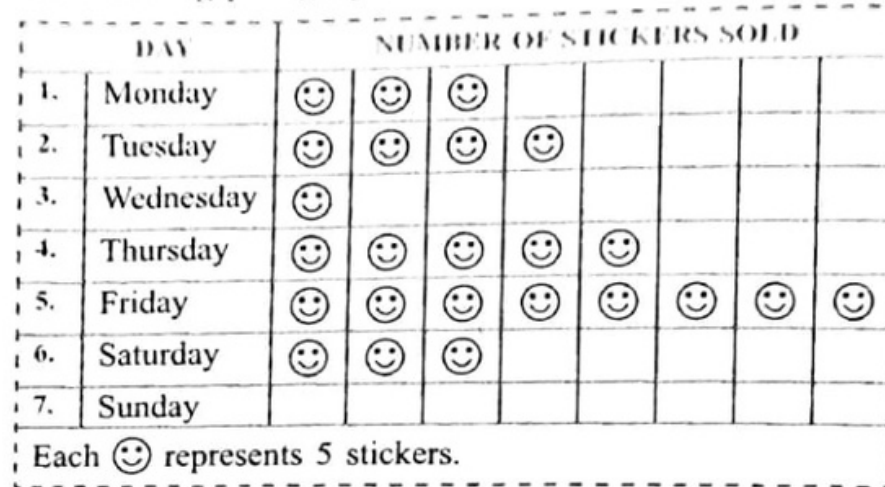Name: ....   Teacher's signature: ....

Class: ....   Date: ....

WORKSHEET ②

PICTOGRAPHS

A. The following pictograph shows the number of stickers sold in a school stationery shop.

	DAY	NUMBER OF STICKERS SOLD
1.	Monday	☺ ☺ ☺
2.	Tuesday	☺ ☺ ☺ ☺
3.	Wednesday	☺
4.	Thursday	☺ ☺ ☺ ☺ ☺
5.	Friday	☺ ☺ ☺ ☺ ☺ ☺ ☺ ☺
6.	Saturday	☺ ☺ ☺
7.	Sunday	

Each ☺ represents 5 stickers.

Answer the following questions.

1. How many stickers were sold out on Monday and Friday? $(3 + 8 = 11) \Rightarrow 11 \times 5 = 55$ stickers
2. Add up the number of stickers sold out on Tuesday and Wednesday. $(4 + 1 = 5) \Rightarrow 5 \times 5 = 25$ stickers
3. On which day were the most stickers sold out? Friday
4. Why do you think there were no stickers sold out on Sunday?

B. The pictograph below shows the number of books issued in a school library on five days of a week.

DAY	NUMBER OF BOOKS ISSUED
MONDAY	🚶 🚶
TUESDAY	🚶
WEDNESDAY	🚶
THURSDAY	🚶 🚶 🚶
FRIDAY	🚶 🚶 🚶 🚶 🚶 🚶

Each 🚶 represents 10 books.
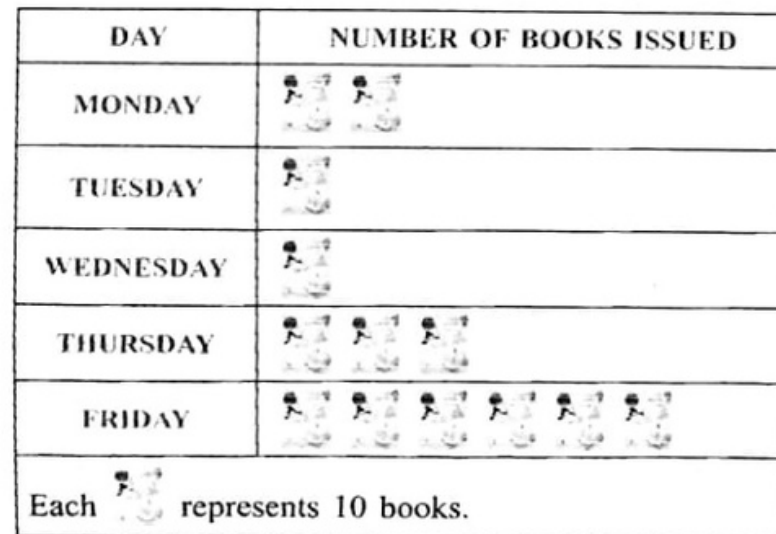
Answer the following questions.

1. On which two days, the same number of books were issued? Tuesday and Wednesday
2. How many books were issued on Monday? $2 \times 10 = 20$ books
3. How many books were issued on Thursday and Friday? $(3 + 6) = 9 \times 10 = 90$ books
4. Find the total number of books issued in the week? $13 \times 10 = 130$ books