Name: .... Class: ....
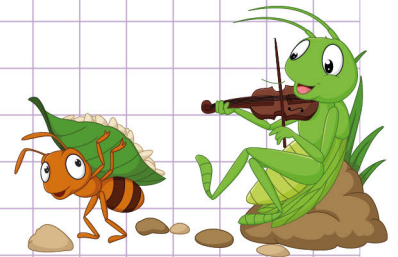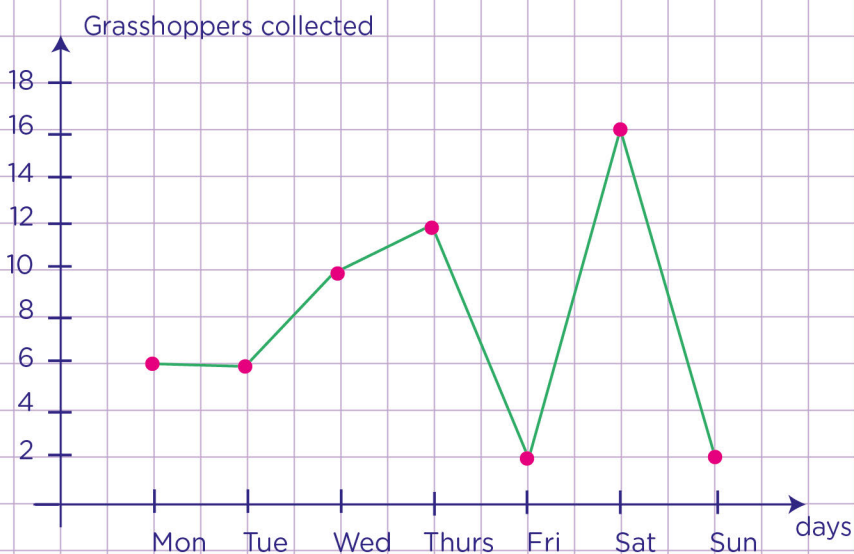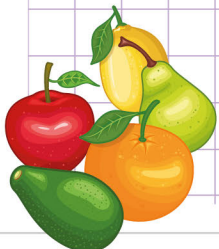
Interpret charts and graphs to find the range

a. The line graph below shows the number of grasshoppers Andy colled for the past 7 days. Use this information to find the range of the numbers.

Grasshoppers collected

```
18
16                              •
14
12            •
10        •
 8
 6  •  •
 4
 2        •              •
```

Mon Tue Wed Thurs Fri Sat Sun   days

b. Yesterday, Lucy visited her father's orchard. She recorded the number of fruits she picked in the tally chart below. Use this information to find the range of the numbers.
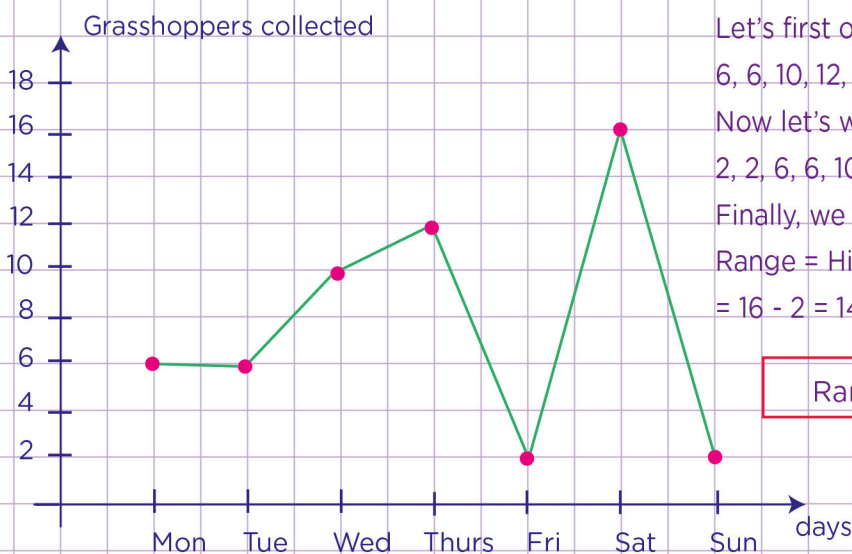
Fruits picked	
Types of fruits	**number picked**
Orange	‖‖ ‖‖ ‖‖
Pear	‖‖ ‖
Apple	‖‖ ‖‖ ‖‖ ‖‖ ‖‖
Melons	‖
Limes	‖‖ ‖‖ ‖‖ ‖‖‖‖

mathskills4kids

Name: .... Class: ....

Interpret charts and graphs to find the range

a. The line graph below shows the number of grasshoppers Andy colled for the past 7 days. Use this information to find the range of the numbers.

Grasshoppers collected

Let's first of all write down the numbers from the graph

6, 6, 10, 12, 2, 16, 2

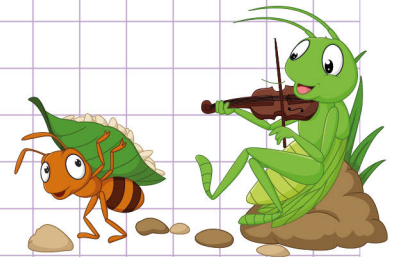Now let's write them in increasing order

2, 2, 6, 6, 10, 12, 16

Finally, we find the range

Range = Highest number - Lowest number

= 16 - 2 = 14

Range = 14

b. Yesterday, Lucy visited her father's orchard. She recorded the number of fruits she picked in the tally chart below. Use this information to find the range of the numbers.

Fruits picked	
Types of fruits	**number picked**
Orange	||||| ||||| |||||
Pear	|||||	
Apple	||||| ||||| ||||| ||||| |||||
Melons		
Limes	||||| ||||| ||||| ||||

Let's start by counting the number of tallies in each row and write down the numbers.

15, 6, 25, 1, 19

Now, let's put the numbers in increasing order

1, 6, 15, 19, 25

Finally, we find the range.

Range = highest number - lowest number

25 - 1 = 24

Range = 24