

VOCABULARY

1. Put words/phrases in the correct column.

stabilize rocket plummet reach a peak fluctuate
 increase decrease drop grow fall rise
 level off climb decline plunge recover

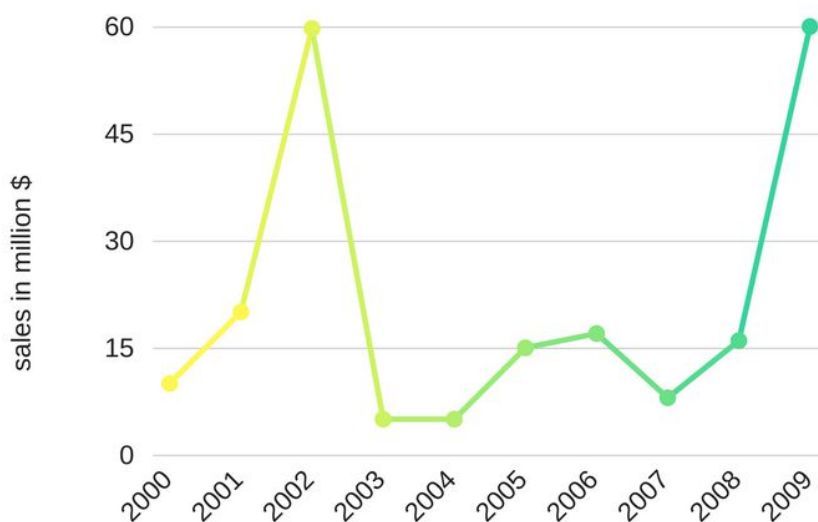
GO UP	GO DOWN
rocket	plummet
reach a peak	decrease
increase	drop
grow	fall
rise	decline
climb	plunge
recover	

2. Study the table and rewrite the sentences given below.

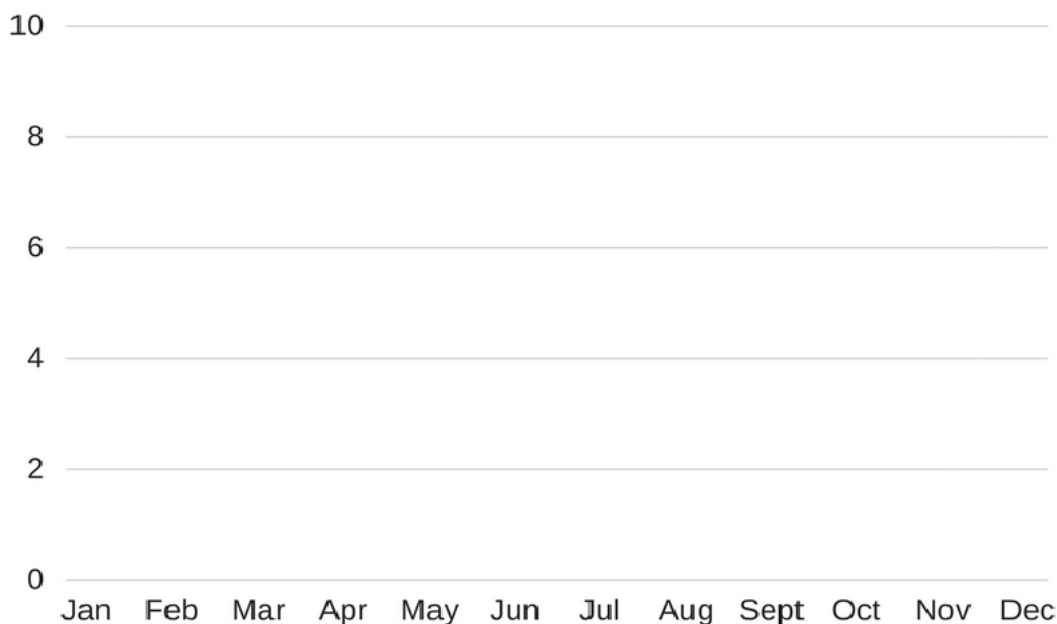
NOUNS	VERBS
There was an increase <u>in sales</u> .	Sales increased <u>by 20%</u> .
There was a decrease <u>of 20%</u> .	
There was a <u>sharp</u> increase.	Sales increased <u>sharply</u> .

- a) Last year, the sales of mobile phones went up dramatically.
 Last year, there was **an increase in sales of mobile phones**.
- b) As you can see, there was a fall in the price of oil last quarter.
 As you can see, the price of oil **fell last quarter**.
- c) In 2002, we observed a rise in our production of 15%.
 In 2002, our production **rose by 15%**.
- d) There was a slight drop in profits.
 Our profits **dropped slightly**.

3. Write a description for the graph showing the sales (in million \$) of ABC Ltd company.



4. Work in pairs. One of you should describe a graph and the other should draw that graph below.



VIDEO & DISCUSSION**5. Watch the video and complete these sentences with one word each.**

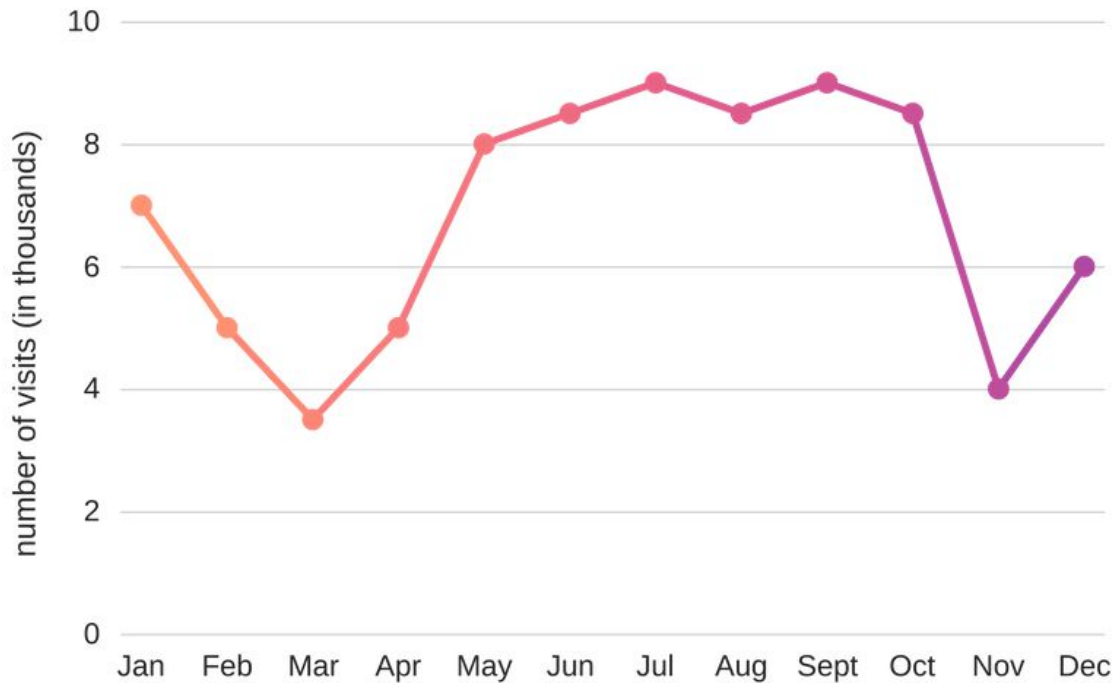
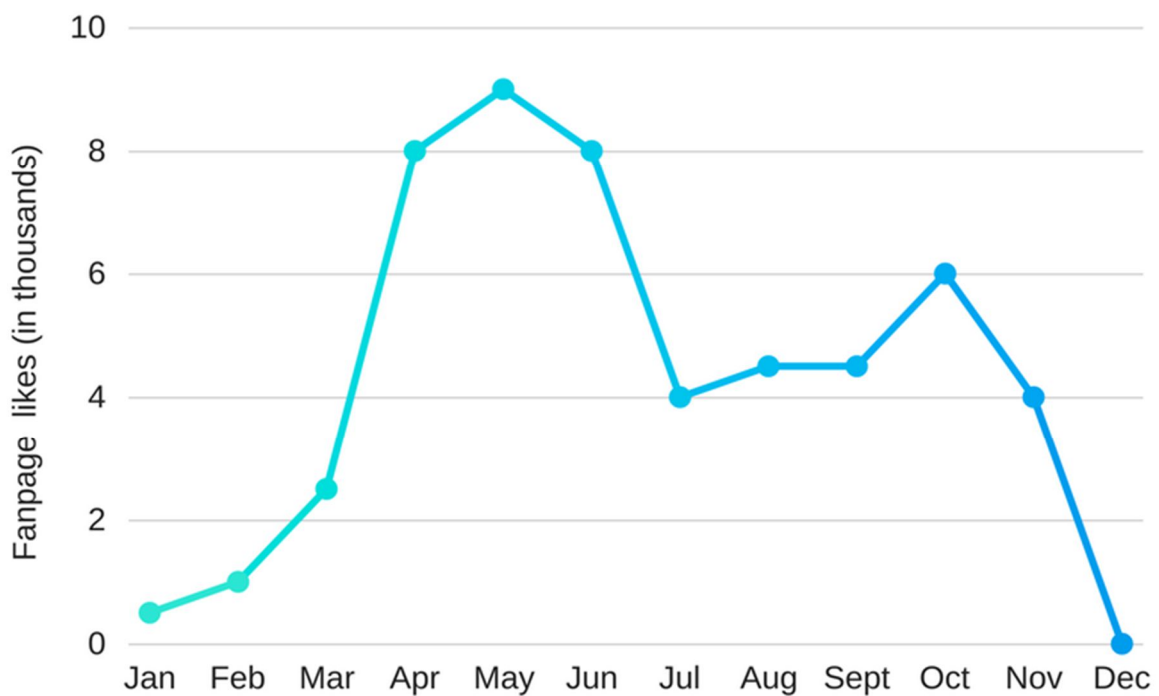
- a) Yet, as it turns out, there are plenty of ways graphs can **mislead** and outright manipulate.
- b) This is one of the most common ways graphs misrepresent data, by **distorting** the scale.
- c) First of all, the scale is **inconsistent**, compressing the 15-month span after March 2009 to look shorter than the preceding six months.
- d) And picking specific data points can **hide** important changes in between.
- e) The first graph plots the average annual ocean temperature from 1880 to 2016 making the change look **insignificant**.
- f) When they're used well, graphs can help us intuitively grasp **complex** data.

6. Match words which you wrote down in exercise 5 with their synonyms.

- I. complicated – **complex**
- II. unimportant – **insignificant**
- III. cover – **hide**
- IV. illogical – **inconsistent**
- V. change – **distort**
- VI. cheat – **mislead**

7. Discuss:

- Do you agree with the statements that “numbers don’t lie”?
- What is cherry picking according to the video?
- In which situations can we receive misleading data? Why would some people like to hide some of it? (think about the video + your own examples)
- How often do you see distorted or inconsistent graphs?
- Do you think people should be punished for misrepresenting data given to the public?

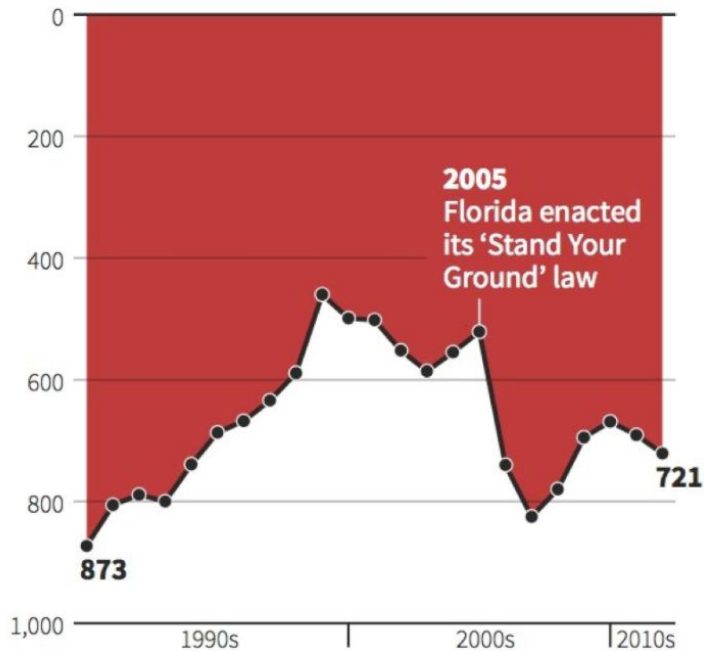
EXERCISE 4 – GRAPHS**Annual traffic on Acme.com****Total number of likes of Orion**

EXTRA SPEAKING TASK

Analyze these misleading graphs and tell what is wrong with them.

Gun deaths in Florida

Number of murders committed using firearms



Job and Health Insurance Losses Accelerating 14,000 People Becoming Uninsured Every Day

