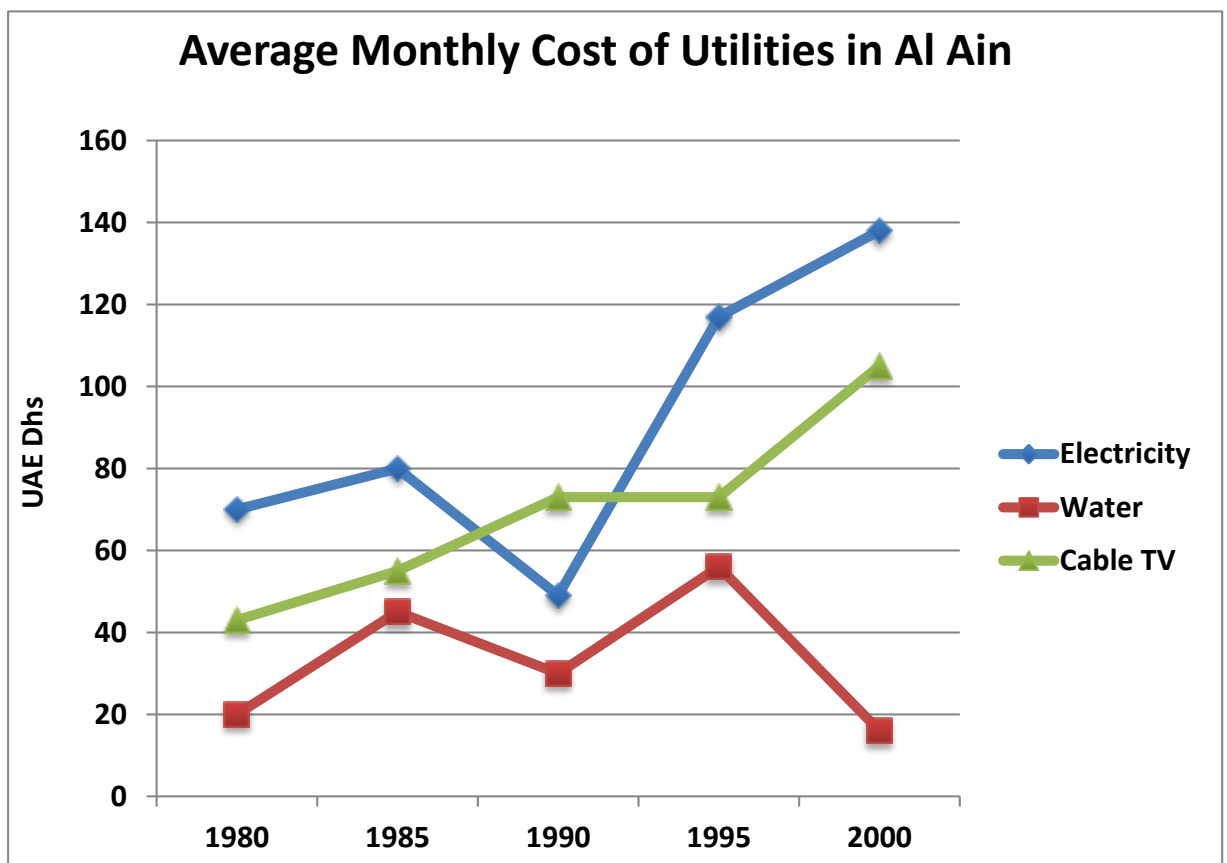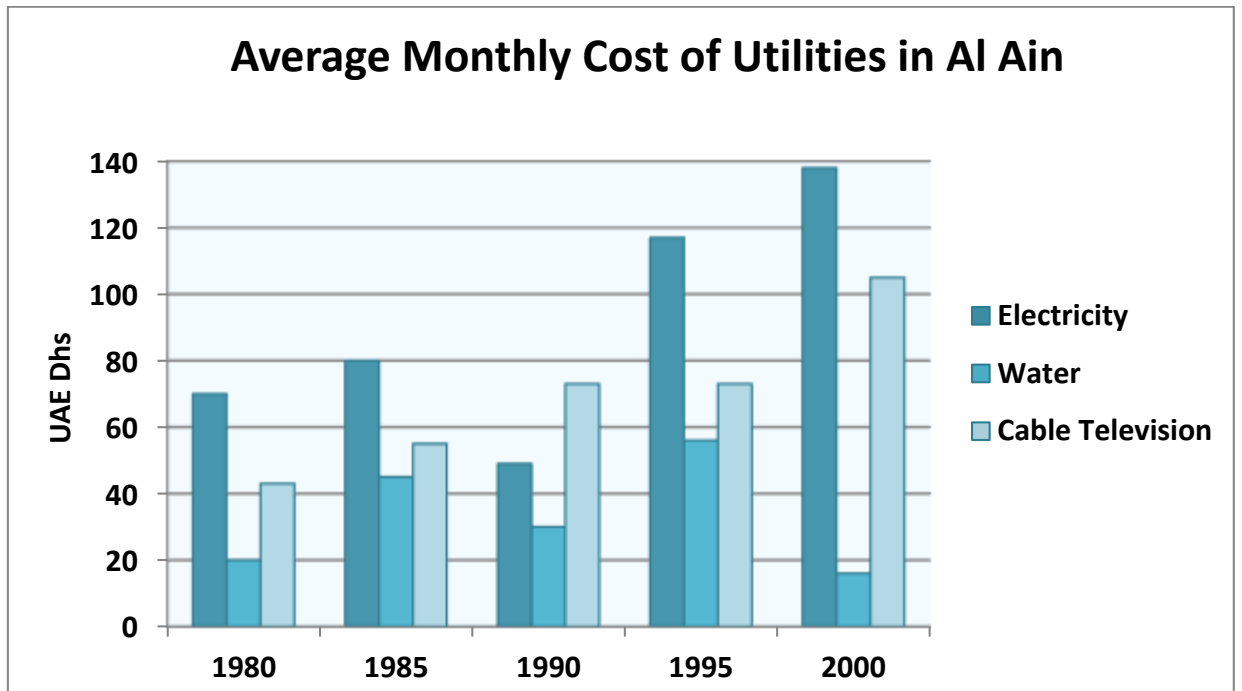# BAR CHART/ LINE GRAPH

The line graph and bar chart below **both show the same data**; for costs of three utilities over a 20 year period. Look at them carefully and then look at the report on the next page.

Average Monthly Cost of Utilities in Al Ain

Average Monthly Cost of Utilities in Al Ain

Analysing a report

1) Gapfill:	2) Paragraph organisation
Look at the graphs on the previous page. Use information from the page to complete the gaps in this report.	

The line graph shows the average cost per month of _____, _____ and cable television in Al Ain from 1980 to 2000 in UAE Dhs. As an overall trend, the cost of both _____ and _____ _____ rose, while the cost of _____ fell over the 20 year period.	**1.**_____ **2.**_____
Looking at the average monthly cost of _____, it is clear to see that it increased over the 20 years. In _____, it stood at about 70 Dhs. Then, from 1980 to _____ it increased slightly to 80 Dhs. From 1985 to _____ the cost of electricity fell moderately to approximately _____ Dhs, which was the lowest figure in the 20 years. After that, it rose dramatically to just under _____ Dhs in 2000.	**1.**_____ _____ **2.**_____ _____ _____
Similarly, the cost of _____ _____ went up during the same 20 years. It stood at just over _____ Dhs in 1980. Following this, it increased steadily to approximately _____ Dhs in 1990. Between 1990 and _____ the average monthly cost of cable television remained constant. Finally, there was a moderate rise in costs to slightly over _____ Dhs in 2000, which was the highest in the 20 years.	**1.**_____ _____ **2.**_____ _____ _____
Unlike the cost of _____ and _____ _____, there was an overall decrease in the cost of _____. It started at 20 Dhs in _____, after which it rose steadily to just over _____ Dhs in 1985. From _____ to 1995 the monthly cost of water fluctuated up to a peak of slightly under _____ Dhs. Finally, in _____, there was a moderate decrease in the cost of water to just under 20 Dhs, which was the lowest figure in the 20 years.	**1.**_____ _____ **2.**_____ _____ _____

VOCABULARY TO DESCRIBE TRENDS

Trends are **changes or movements over time**. These changes are normally expressed in numeric items, for example, *percentage, weight, or number.* There are **three** basic trends:
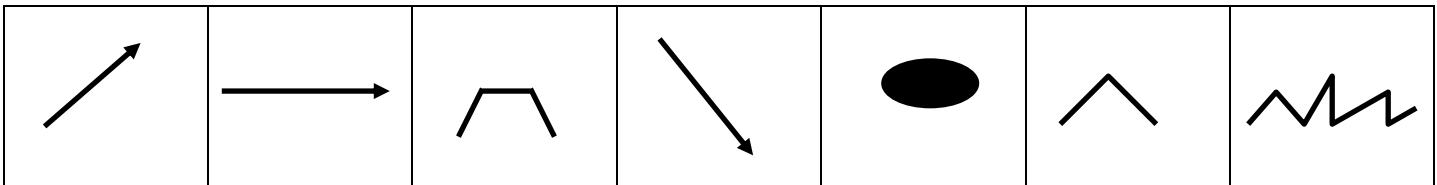
Rising ↗	Falling ↘	Remaining the same →

For each trend there are a number of verbs and nouns to express the movement. We can use a **verb of change**, for example:

> Population levels **fell.**

or we can use a **related noun**, for example:

> There was **a fall** in population.

Match the graphic with the vocabulary below. Draw it into the box next to the vocab:
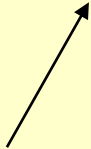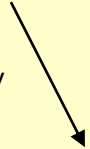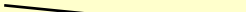
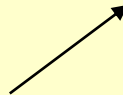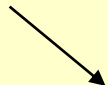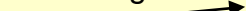| Direction	Verbs of Change		Related Nouns
	Past Tense	**Future Tense (IELTS)**	
	• rose to • increased to • went up to • climbed to	• will rise to • will increase to • will go up to • will climb to	• a rise • an increase • an upward trend • a climb
	• fell to • declined to • decreased to • dropped • went down to	• will fall to • will decline to • will decrease to • will drop to • will go down to	• a fall • a decline • a decrease • a drop • a reduction
	• leveled out at • did not change • remained steady at • stayed constant at	• will level out at • will not change • will remain steady at • will stay constant at	• a leveling out • no change
	• fluctuated	• will fluctuate	• a fluctuation
	• peaked at	• will peak at	• a peak
	• plateaued at	• will plateau at	• a plateau
	• stood at • (began at…)	• will stand at	

USING ADVERBS TO EXPLAIN VERBS OF CHANGE
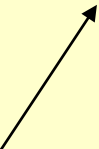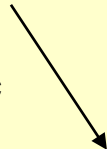
> We use **ADVERBS** (**following the verb**) to describe to what extent (*how much*) the verb of change happened.

1. Complete the sentences below by filling in the correct adverb or adjective - look at the arrows to guide you.

rapidly dramatically sharply	steadily gradually moderately	slightly

Al Ain's population rose _____ to 400,000 people by 2008.

The number of people living in rural areas of China decreased _____.

By 2008, the population of Dubai climbed _____ to 1.4 million people.

2. We use **ADJECTIVES** (**before the noun**) to describe to what extent (*how much*) the related nouns happened.

a rapid a dramatic a sharp	a steady a gradual a moderate	a slight

There was a _____ rise in Al Ain's population to 400,000 people by 2008.

There was a _____ decrease in the number of people living in rural areas of China.

By 2008, there was a _____ climb in the population of Dubai to 1.4 million people.

TYPES OF SENTENCES

You have the choice of two basic sentence structures to write about information in a chart or graph.
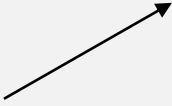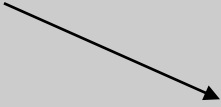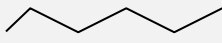
1. Sentences using verbs of change

Sales	increased	slightly,	to eight thousand dirhams in September.
subject +	*verb* +	*adverb* +	*other important details*

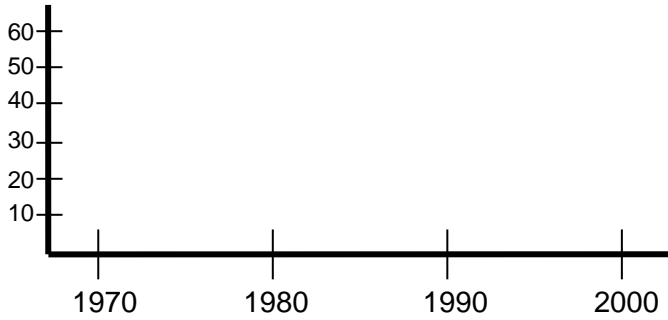**2. Sentences using nouns of change (noun verbs)**

There was   a   slight   increase   in sales, to 8,000 dirhams in September.
be + *art*.+ *adj*.   +*noun*   + *subject*   + *other important details*
verb

Practice changing these verbs of change and adverbs into adjectives and related nouns.
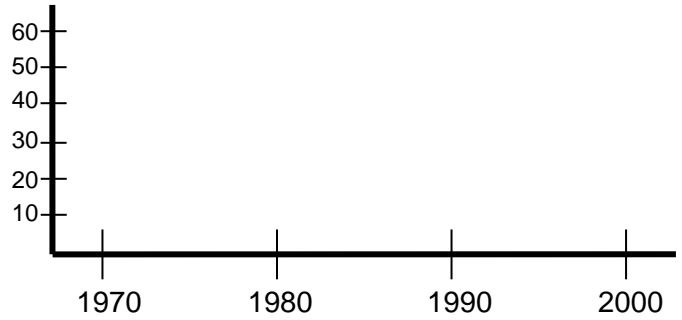
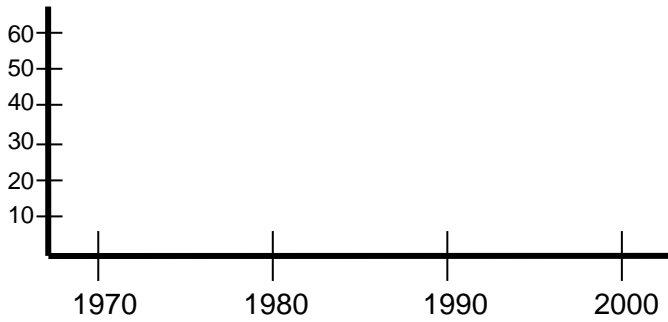|	Verbs of change/ adverbs	Adjectives/ Related nouns
	▪ rose dramatically to ▪ increased steadily to ▪ climbed gradually to	▪ _____ ▪ _____ ▪ _____
	▪ _____ ▪ _____ ▪ _____ ▪ _____ ▪ _____	▪ there was a sharp fall to ▪ there was a dramatic decline ▪ there was a slight decrease ▪ there was a sudden drop ▪ there was a steady reduction
	▪ fluctuated (upwards) ▪ fluctuated (downwards)	▪ _____ ▪ _____
	▪ _____ ▪ _____	▪ there was a leveling out at ▪ there was no change
	▪ _____	▪ there was a peak

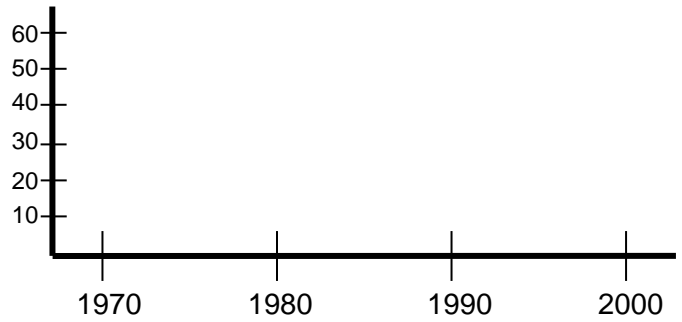**Listen and draw the line for each graph:**

Graph A – Number of cars

60 —
50 —
40 —
30 —
20 —
10 —

1970   1980   1990   2000

Graph B – Number of cars

60 —
50 —
40 —
30 —
20 —
10 —

1970   1980   1990   2000

Graph C – Number of cars

60 —
50 —
40 —
30 —
20 —
10 —

1970   1980   1990   2000

Graph D – Number of cars

60 —
50 —
40 —
30 —
20 —
10 —

1970   1980   1990   2000

Graph E – Number of cars

60 —
50 —
40 —
30 —
20 —
10 —

1970   1980   1990   2000

Graph F – Number of cars

60 —
50 —
40 —
30 —
20 —
10 —

1970   1980   1990   2000

Graph G – Number of cars

60 —
50 —
40 —
30 —
20 —
10 —

1970   1980   1990   2000

Graph H – Number of cars

60 —
50 —
40 —
30 —
20 —
10 —

1970   1980   1990   2000
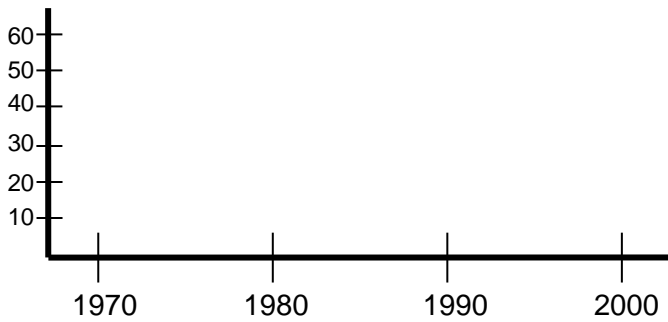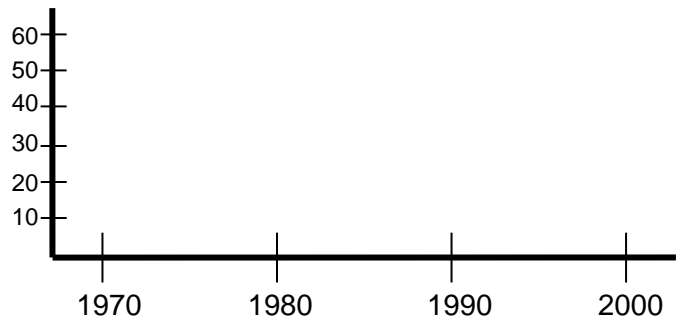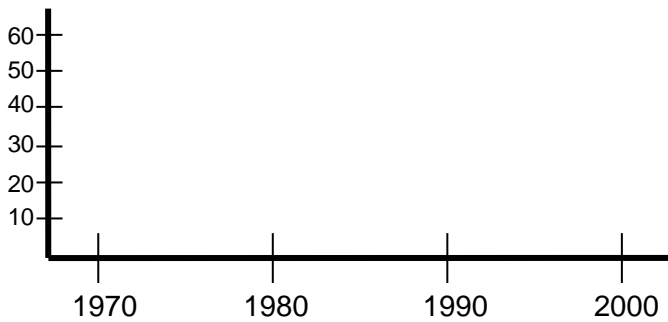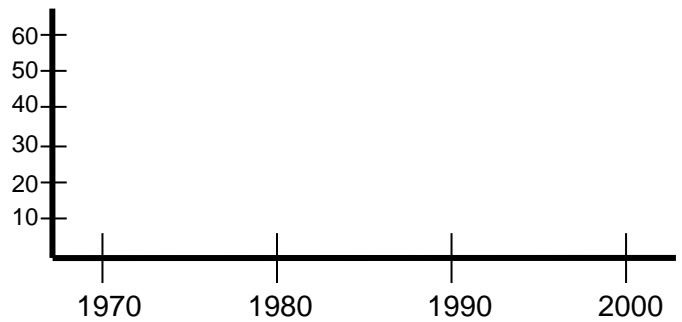
Listen to the sentences again and fill in the missing words:

Graph A

In 1970, the number of cars _____ _____ 5. After that, the number _____ _____ _____ 50 in 1990. Finally, it _____ _____ 40 in 2000.

Graph B

In 1970, the number of cars _____ _____ 20. Then, from 1970 to 1980, it _____ _____ 40. In 1990, the number of cars _____ _____ 30. After that, in 2000, the number _____ back to 40.

Graph C

In 1970, the number of cars _____ _____ 60. From 1970 to 2000, there was a _____ _____ _____ 10.

Graph D

The number of cars _____ _____ 20 in 1970. Then, there was an _____ _____ _____ 50 in 1990. From 1990 to 2000, the number of cars _____ _____ 50 to 40.

Graph E

The number of cars _____ _____ 10 in 1970. From 1970 to 1980, it _____ and _____ _____ 60 in 1990. In 2000, the number of cars _____ _____ 30.

Graph F

In 1970, the number of cars _____ _____ 40. The number _____ _____ 60 between 1980 and 1990. Finally, the number in 2000 _____ 20.

Graph G

The number of cars _____ _____ 60 in 1970. Then, there was a _____ in the number of cars to 40 in 1980. This figure _____ _____ _____ 40 for the next 20 years.

Graph H

The number of cars _____ _____ 10 in 1970. Then, from 1980, it _____ _____ for the next 10 years at 30. It then _____ _____ _____ 60 in 2000.