

9 Back to the future

Exercise 1

Answers will vary. Possible answer:

In many cities nowadays, food shopping takes very little time. In the past, people used to go to a different shop for each item. For example, you bought meat at a butcher's shop and fish at a fish market. A fruit market used to sell fruit and vegetables. For dry foods like rice or beans, you had to go to grocery stores. Today, you get all these things at a supermarket. Many supermarkets make a lot of money these days. But times are changing. Before long, people will drive in their cars to huge superstores to buy everything. And who knows? Soon, everyone is going to have a computer at home. People already use them to purchase everything from food to furniture, from legal advice to medical help.

Exercise 2

1. A: When did people travel by horse and carriage?
B: About 100 years ago.
2. A: When did doctors find a cure for the flu?
B: In the next 50 years.
3. A: When did the first man go to the moon?
B: About 35 years ago.
4. A: When is everyone going to have a computer at home?
B: Soon.

Exercise 3

Answers will vary. Possible answers:

2. In the past, people used to collect records. Nowadays, they collect CDs.
3. A few years ago, people used typewriters. Today, they use computers.
4. About a hundred years ago, women wore long dresses. These days, they wear short skirts.
5. Nowadays, apartment buildings often have 20 floors. Sometime in the future, they might have 200 floors.

Exercise 4

A
Answers will vary.

C

wind power	Advantage clean, lots of it	Disadvantage no energy without wind
waterpower	no pollution	expensive
geothermal power	cheap	not possible in most places
solar power	clean	no energy without sunlight

Exercise 5

1. A: What if I get in shape this summer?
B: You might be able to come rock climbing with me.
2. A: What will happen if I stop exercising?
B: Well, you might gain weight.
3. A: What if I get a better job?
B: You'll be able to buy some new clothes.
4. A: What will happen if I don't get a summer job?
B: You'll probably have to find a roommate when school starts.

Exercise 6

A

feel energetic relaxed	get married a cold	lose touch weight	quit dieting exercising
-------------------------------------	---------------------------------	--------------------------------	--------------------------------------

B

Answers will vary. Possible answers:

2. If I feel relaxed, I might sleep better.
3. If I get married, I'll have to save money.
4. If I lose touch with Linda, I'll be very sad.
5. If I lose weight, I'll be very happy.
6. If I quit dieting, I'll probably gain weight.

Exercise 7

Answers will vary. Possible answers:

2. I'll feel healthier if I eat better food.
3. If I get more exercise, I might have more energy.
4. If I don't get good grades in school, I won't be able to get a good job.
5. I might get more sleep if I go to bed earlier.
6. I'll be happy if I graduate this summer.

Exercise 8

A

Noun energy environment health	Adjective energetic environmental healthy	Noun medicine success	Adjective medical successful
--	---	------------------------------------	---

B

2. There are a lot of environmental problems in my country. There's too much air pollution and the rivers are dirty.
3. My health is not as good as it used to be. So I've decided to eat better food and go swimming every day.
4. My party was a great success. I think I might have another one soon!
5. If I start exercising more often, I might have more energy.

Exercise 9

2. In the future, few people will use cash to buy things.
3. People used to use bicycles more often than they do today. or In the past, people used to use bicycles more often than today.
4. If I get a better job, I'll be able to buy an apartment.
5. There's going to be a big new mall downtown.

Exercise 10

Answers will vary. Possible answer:

I used to live in a very quiet place. My parents' house was in a small village. There was only one store and very little traffic.

Now, I live in a big city. My job is pretty boring. I work in a small company. If my English improves, I may be able to get a job in an international company. I'd like to travel around the world.

Next year, I'm going to take a course in English. I might go on vacation in the United States and Canada. Then my English will be very good and I'll try and get a new job there.

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Jiyuan Zhang



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leaders if the symbol has a leader click once to place the leader then click a second time to place the symbol multiple leaders while dragging the symbol and before placing it press ctrl the note stops moving and a second leader is added while still

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conventional method for designing surface finish as per is 696 surface texture specified by indicating the following a roughness value i.e. R_a value in mm b machining allowance in mm c sampling length or instrument cut off length in mm d machining production method and e direction of lay in the symbol form as x m c r

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for jis symbols specify roughness R_a roughness R_z R_{max} for gost symbols you can also select use for notation displays the surface finish symbol 0.5 times larger than the default size add default symbol displays the default surface finish symbol in parentheses format use document font

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bs en iso 1302 2002 geometrical product specifications gps indication of surface texture in technical product documentation for notes on surface roughness use link surface roughness notes the symbol indicates the surface finish requirements and shows a machining allowance requirement of 3mm on all surfaces

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let's take a look how the jis defines each type of plating such as chrome plating and zinc plating the jis defines the types grades and symbols for electro galvanizing as shown in the table below

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1 positions of auxiliary symbols for surface symbol a surface roughness value cut off value or reference length machining method grain direction surface undulation etc are indicated around the surface symbol as shown in fig 1 below fig 1 positions of auxiliary symbols

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surface symbol symbol indicating a surface where removal processes are prohibited symbol indicating a surface that requires a removal process examples of indicating the R_a upper limit a b c example of indicating grain direction examples of indicating

ra upper limit and lower limit a b examples of indicating the machining method

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jan 6 2021 the basic surface finish symbol is a check mark with the point resting on the surface to be specified variations of this symbol provide additional instructions as described in the table below figure 5 surface finish symbols basics

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surface finish symbols you can specify the surface texture of a part face by using a surface finish symbol you can select the face in a part assembly or drawing document surface finish symbols are formed by combining the symbol and lay direction direction of lay

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to open the surface finish propertymanager do one of the following insert a new surface finish symbol click surface finish on the annotation toolbar or click insert annotations surface finish symbol select an existing surface finish symbol

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may 12 2020 it is suggested to indicate the surface roughness on drawing by symbols the bis recommended symbols for indicating the surface finish are shown in table a for the roughness values greater than 25µm the symbol is used for roughness value less than 25µm the equilateral triangular symbol is used

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