

Name and surname.....

Group:

READING (10 points). Read the article.

For most of us, the word "inventor" makes us think of names like Alexander Graham Bell or Guglielmo Marconi, the men behind the telephone and the radio. But what about the people whose inventions we use so often that we forget someone had to think them up in the first place? Read on to find out about five of the unknown Inventors of our times.

A An American woman called Margaret Knight was working in a paper bag factory when she noticed how difficult it was to put things into the bags. So, she decided to invent a machine that folded and glued paper to make a flat-bottomed bag. She made a lot of sketches of her machine, but before

she could actually make it, another employee called Charles Annan stole her idea. Knight took Annan to court and eventually won the case. In 1858 Knight set up her own paper bag company and received large sums of royalties for her invention when other companies made her bags under licence.

B In 1910, a Russian-born sweet manufacturer called Sam Born emigrated to the USA and set up a business there. One day, when he was wondering how to make the sweet making process more efficient, he thought up an idea for a new machine. It was called the Born Sucker Machine and its job

was to quickly and mechanically insert the sticks into lollipops. The new machine helped make the sweets and Sam's company into a huge success and in 1916, he was awarded 'the key to San Francisco'. In 1923, he founded the Just Born company, which is still going strong in the USA today.

C In 1950, Ernie Frazee, the owner of a successful American engineering company, was at a picnic when he went to fetch the drinks. In those days, drinks were in sealed cans which were opened with a can opener. Unfortunately, Ernie had forgotten to bring the opener. This started him thinking, and one night, when he was having trouble sleeping, he solved the can dilemma. His idea was a new can that could be easily opened with a ring pull. Ernie's company began manufacturing a system of mass producing these cans and by 1980, he was making over \$500 million dollars a year from his invention.

D Once the banks had decided they wanted to install cash machines, the next problem was how to confirm a customer's identity to allow money to be withdrawn. It was a Scottish man by the name of James Goodfellow who came up with the solution. In 1966, Goodfellow realized he could link a set of numbers, known only to the account owner, to an encoded card. If the two numbers matched, the person would receive their cash. This number became known as a Personal Identification Number or PIN. Goodfellow didn't get a penny for his idea, but he did receive an OBE* from the Queen in 2006.

E When takeaway cups of coffee became popular, the Solo Cup Company, a leading producer of disposable cups, saw a gap in the market for a new container. Jack Clements was the man they asked to design it. In 1985, Clements designed a new lid for the cup in the shape of a dome. The lid rested comfortably between the mouth and nose when the user took a sip and it also helped prevent spilling. Since then, the Solo Traveller Lid has been adopted by many of America's coffeehouses and it has helped Clements' company earn \$2 billion of annual income.

*OBE — An award given in Britain for a special achievement.

Now answer the questions.

Which inventor...

1. thought of something that made an extra tool unnecessary?

A B C D E

2. made it safer to carry something?

A B C D E

3. found the answer to a security problem?

A B C D E

4. came from outside the country where he created his invention?

A B C D E

5. invented something which was an improvement on the existing design? A B C D E

6. was British?

A B C D E

7. invented something that speeded up the manufacturing process?

A B C D E

8. had to take legal action against a colleague?

A B C D E

9. designed something that can be fitted onto something else?

A B C D E

10. had an idea outside work?

A B C D E

LISTENING (10 points)

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Listen to a radio programme about an English king with a stammer.

Choose the correct answer.

1. The king with the stammer was...

a. George V. b. Edward VIII. c. George VI.

2. When the King was a child, his name was...

a. Bobby b. Georgie c. Bertie

3. His father who didn't tolerate weakness forced the King to....

a. write with his right hand b. write with his left hand c. practice public speaking every day

4. When the King stammered his older brother Edward used to...

a. help him and support him b. laugh at him c. pretend he didn't notice anything

5. The King made his most disastrous speech in a. 1930 b. 1939 c. 1925

6. His father's doctors tried to treat him... a. by filling his mouth with marbles

b. by singing instead of speaking c. by sleeping a lot.

7. The King had to give his most important speech ...

a. at the end of the British Empire Exhibition. b. when his brother abdicated as King.

c. at the beginning of an international conflict.

8. The man who helped him overcome his stammer was...

a. his wife's therapist. b. an actor. c. his father's doctor.

9. The King was treated a. in the therapist's office b. on the phone
c. in a restaurant

10. Before the treatment showed results it was... a. 5 months b. 15 months
c. 10 months

GRAMMAR (10 points). Choose a correct answer:

1. We wouldn't have come to Bangkok if we (know) it was the monsoon season. a. would have known b. had known c. knew
2. Matt would have more friends if he (not complain) all the time.
a. didn't complain b. wouldn't complain c. hadn't complained
3. There will be a drought if it (not, rain) soon.
a. won't rain b. doesn't rain c. don't rain
4. We didn't look at the map and we are lost now. a. If we looked at the map we wouldn't be lost now. b. If we had looked at the map we wouldn't be lost now c. If we looked at the map we aren't lost now.
5. I am really disappointed I didn't get this job. I wish they (offer) me this post. a. offered b. would offer c. had offered
6. I hate when my Dad sings in front of my friends! I wish he (not sing) then. a. didn't sing b. wouldn't sing c. hadn't sing
7. I will never forget (see) the Grand Canyon for the first time.
a. see b. to see c. seeing
8. My boss made me (work) extra hours. a. to work b. work c. working
9. Ann has been a nurse all her life, so she (use) work nights.
a. is used to work. b. is used to working c. is used work
10. It is so (embarrass) when I can't remember someone's name and I can see this person is (disappoint). a. embarrassed/disappointing
b. embarrassing/disappointed. c. embarrassed/disappointed

VOCABULARY (10 points). Choose a correct answer:

1. When you are **bewildered** you are ... a. very excited b. extremely confused c. exhausted
2. Frost and wet are a **lethal** combination for plants, which means
a. the plants will grow better b. they will die c. it will not influence them

3. If you **fall out** with a friend it means. a. you are in good terms
b. you quarrel and even fight c. you are tricked
4. **Getting on a property ladder** means a. you are successful in life.
b. you are buying your first house. c. you are getting into troubles
5. A person who sleeps well „**sleeps like a...**”. a. rock. b. dead c. log
6. Duvet is an object you. a. eat for breakfast.
b. wash with. c. cover yourself up with
7. When you **lay the blame at sb else's door** you say that in this situation
somebody is ... a. responsible b. frustrated. c. thrilled
8. **Gobsmacked** means a. terrified b. astonished. c. disappointed.
9. **Gutted** means completely a. terrified b. astonished. c. disappointed
10. **Upshot** is another word for a... a. method. b. result. c. punishment

WRITING (10 points). Write **an essay** on one of the following topics (around 300 words).

1. Think of the year 2022 which is over now. Recall any artistic events (concerts, exhibitions, publications) you have found impressive. Justify your choice.
2. There are people who can live without music. How would you persuade them they miss a lot? Choose 5 different pieces of music you would recommend to them. Justify your choice: write about the composer, the structure of the piece, the style, and why it's worth listening to.
3. Does the world need artists today? What for? What's the place of art and how you can see yourself in today's globalizing world? Base your essay on specific examples, not just general ideas.

