

Name: _____

Date: _____

Knowledge 5: Chapter 5

Worksheet 5: Brilliant minds

1. Name an example for each of the following statements. Do not repeat the examples.

- a. Something you can do *without*:
- b. Something that is *bulky*:
- c. Something that is *convenient*:
- d. A *device* you use often:
- e. Something that causes a *frenzy*:
- f. Something that is *indispensable* to you:
- g. Something *obsolete*:
- h. A *prototype*:
- i. Something that has been *replaced* by something else:
- j. Something that has *revolutionised* society:
- k. Something *ubiquitous*:
- l. Something *unreliable*:

2. Complete the text with the simple present passive verb in brackets.

Solar power (a) (use) to power simple devices like calculators. Big structures like homes (b) (power) by solar panels as well. Nowadays, solar power (c) (find) in many innovative products. The iKini is one invention that the American designer Andrew Schneider created in 2011. Sunlight (d) (convert) into electricity by the bikini's solar panels. The swimsuits (e) (power) by photo-voltaic panels sewn together with conductive thread. Each bikini (f) (make) to measure and takes up to 80 hours to hand-stitch. Unsurprisingly, they cost more than £120 each.



3. Use the prompts to write simple present passive sentences.

- a. Expensive / cars / produce / in Germany.
.....
- b. Mobile phones / made / in China.
.....
- c. Oranges / cultivate / in Spain.
.....
- d. Many robots / assemble / in Taiwan.
.....
- e. Cotton / grow / in India.
.....
- f. Sushi / eat / in Japan.
.....

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4. Complete the text with the simple past passive of the verbs in the box.

give kill make not protect develop (x2)

The greatest invention in medicine

Disease is one of human's worst enemies. During the mid-14th century, about 25 million people in Europe (a) by the Black Death. Before vaccines existed, people (b) from many diseases. In 1798, the first smallpox vaccine (c) by Edward Jenner. Throughout the 18th and 19th centuries, many new vaccines (d) The cholera, plague, tetanus and pertussis vaccines that (e) in the last century are still being used today. For example, mass polio vaccines that (f) to most of the population in the 1980s has now eradicated polio in many regions around the world.



5. Change the sentences from active into simple past passive. Use the underlined words as the subject.

- a. The Wright brothers designed, invented and flew the first working airplane.
.....
- b. French tailor Barthélemy Thimonnier invented the first sewing machine in 1830.
.....
- c. Elias Howe patented an improved version of the sewing machine in 1846.
.....
- d. The Egyptians invented the scissors in 1500 BC.
.....

6. Complete the sentences about how plastic is recycled using the passive voice. Then order the sentences from 1 – 9.

sold - collected - sorted - melted - cut - put - taken - cooled - washed - made

- Plastic items are from homes.
- The pieces of plastic are into liquid.
- The pieces of plastic are into a big tank and into different types of plastic.
- The plastic items are with a disinfectant soap.
- The pellets are to factories.
- The liquid is into long pieces.
- The plastic pellets are into new products.
- They are to a recycling centre.
- The long pieces are then into small pellets.



7. Complete the descriptions.

- a. What are these boots made of? They're made of and are used for
- b. What is this chair made of? It's made of and is used to
- c. What is this bottle made of? It's made of and is used for
- d. What is this envelope made of? It's made of and is used to

