

بسم الله الرحمن الرحيم

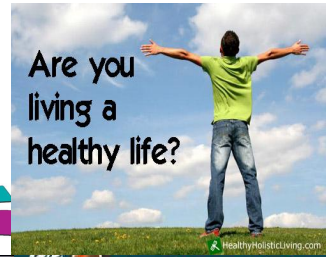
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Action Pack 12



Units 1 - 4

ملخص اللغة الانجليزية - ٢٠١٨
الدورة الشتوية



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Accident victim tests first artificial limb

Scientists have successfully invented a prosthetic hand with a sense of touch. It is an exciting new invention, which they plan to develop. It is possible that, in the not-too distant future, similar artificial arms and legs will have taken the place of today's prosthetic limbs.

1. What is the feature of the new prosthetic hand invented by scientists ?

What is special about it ?

It has a sense of touch.

2. artificial = prosthetic / limbs = arms and legs

Dennis Sorensen, a 39-year-old from Denmark, was the first person to try out the new invention. After losing his left hand in an accident, he had been using a standard prosthetic hand for nine years.

1. Who was the first person to try out the new invention ?

Dennis Sorensen

2. Why did Dennis Sorensen use (need) a standard prosthetic hand ?

Because he lost his left hand in an accident.

3. How long had he been using the standard prosthetic hand ?

For nine years.

The new hand, which was developed by Swiss and Italian scientists, was a huge improvement. With it, Sorensen could not only pick up and manipulate objects, but he could also feel **them**. "When I held an object, I could feel if it was soft or hard, round or square", he explained. He said that the sensations were almost the same as the ones he felt with his other hand. Unfortunately, Sorensen was only taking part in trials, and the equipment is not ready for general use yet. He was only allowed to wear it for a month, for safety reasons.

1. Who developed the new hand ?

Swiss and Italian scientists (them = objects)

2. Mention three characteristics for the prosthetic hand.

a. pick up objects . b. manipulate objects c. feel objects

3. Who do the bold pronouns '**I**' refer to ? Dennis Sorensen

4. What is the difference between the new prosthetic hand and Sorensen's other hand ?

The sensations were almost the same as the ones he felt with his other hand.

3. Why was Sorensen only allowed to wear the prosthetic hand for a month ?

For safety reasons.

So now he has his old artificial hand back. However, he hopes that soon he will be wearing the new type of hand again. He is looking forward to the time when similar artificial limbs are available for the thousands of people who need them. He will have helped to transform their lives.

1. Which hand is he wearing now? Why?

His old artificial hand because he was only taking part in trials, and the equipment is not ready for general use yet.

2. Quote the sentence which indicates that Sorensen would be happy if the new type of hand became true.

He is looking forward to the time when similar artificial limbs are available for the thousands of people who need them.

3. Find a word that is the opposite of '**natural**' . artificial