File Test 10
Reading and Listening B

READING

1 Read the article and tick (✓) A, B, or C.

Inventions in sport

*This week in **Inventor's World**, we speak to three professional athletes about how modern inventions have changed their sport.*

Luke Gautier, road cyclist

Professional cycling is a very inventive sport. Riders and bike teams are always happy to try out new types of bicycles, helmets, cycling clothes – anything to try to save one second in the race. In my opinion, the biggest change in recent years is what the bikes are made of. Thanks to a technology called carbon nanotubes, racing bikes are stronger and lighter than ever before. Carbon nanotubes were invented by the computer company, IBM, but so far no one has used them inside computers. In 1996, the Swiss company BMC made the first 'carbon fibre' racing bike – it won the Tour de France that year. Carbon nanotubes are also used in tennis rackets and the screens of phones.

Edgar van Marl, swimmer

Sometimes a new invention can be controversial. In my sport, a new type of swimsuit caused problems a few years ago. The company involved, Speedo, have made swimsuits for over one hundred years. They are so famous that in some countries, a racing swimsuit is simply called 'a speedo'. In 2008 they made a new suit that was inspired by shark skin. Called, the 'LZR racer', the suits were designed with long arms and legs to help swimmers cut through the water like a fast shark. The suit was first sold in March 2008. By November 2008, swimmers wearing the suit had broken 74 world records. That's incredible! When Michael Phelps wore the suit at the Olympics in Beijing he won eight gold medals and said, 'I feel like a rocket'. Swimmers loved them, but the judges didn't. The suits were banned and there are now a lot more rules about what suits are made of.

Suki Tyler, tennis

The use of video technology has really changed my sport. The most common system was invented in 1999 by an English company. It was developed especially for sport on television. It's called Hawk-Eye – a 'hawk' is a type of hunting bird which has very good eyesight. The video can show very clearly if a ball has or hasn't gone over a particular line. Hawk-Eye was used almost immediately to help with decisions in cricket – in 2001 it was used for the first time in a match between England and Pakistan. It was soon used in tennis too. The audience loves the excitement that the technology brings to matches. For me, it's a positive thing. Sometimes it's part of the strategy I use. For example, even when I know that the line judge has made the right decision, I can ask for Hawk-Eye just because I know it's going to make my opponent wait. It's going to make her really annoyed!

LIVEWORKSHEETS

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Example: In his job, Luke _____.
A designs bicycles ☐ B fixes bicycles ☐ C races bicycles ☑

1 Carbon nanotubes were invented for use in _____.
A computers ☐ B phones ☐ C sports ☐
2 Compared with earlier bikes, carbon nanotube bikes are _____ .
A just as fast ☐ B more expensive ☐ C less heavy ☐
3 The company that first used carbon nanotubes in bicycles was _____.
A CNT ☐ B BMC ☐ C IBM ☐
4 The _____ of Speedo's new swimsuit was inspired by sharks.
A name ☐ B design ☐ C strength ☐
5 Michael Phelps _____ the new suit at the Beijing Olympics.
A performed well in ☐ B pretended to wear ☐ C wasn't interested in ☐
6 The rules about swimsuits _____ because of the 'LZR racer'.
A were broken ☐ B were banned ☐ C were changed ☐
7 Hawk-Eye was invented by _____ company.
A an English ☐ B a Pakistani ☐ C a Japanese☐☐
8 Suki sometimes uses Hawk-Eye _____.
A to make her opponent wait ☐ B to make the audience happy ☐ C to help her return a serve☐☐
9 Suki says tennis audiences find Hawk-Eye _____.
A really annoying ☐ B inferior ☐ C exciting ☐

	9

2 Read the article again. Are the sentences true (T) or false (F)?

Example: Inventions don't often happen in cycling . *F*

1 Luke thinks helmet design is the biggest change in recent years. _____
2 The first carbon nanotube bike was very successful. _____
3 Speedo was started over a century ago. _____
4 Everyone had the same opinion about the new Speedo suits. _____
5 Hawk-Eye was used in professional sport very quickly. _____
6 Hawk-Eye was named after a shark. _____

	6

Reading total		15

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LISTENING

1 Tick (✓) the five sentences that are true.

1 Natalya arrives at the gym earlier than 9 a.m. ☐
2 Natalya isn't very interested in sleep. ☐
3 During the Olympics, women's gymnastics is more popular than men's. ☐
4 Natalya says it's difficult to compare men's and women's gymnastics. ☐
5 Natalya would like to perform in the same events as the men. ☐
6 Natalya would like gymnastics to copy an idea from ice skating. ☐
7 Natalya is one of the oldest athletes in her team. ☐
8 Natalya plans to become a coach after this Olympics. ☐

	5

2 Listen to five speakers. Match the speakers with what they do when they wake up at night (A–G). There are two answers you don't need.

Speaker 1 ☐
Speaker 2 ☐
Speaker 3 ☐
Speaker 4 ☐
Speaker 5 ☐

A drives to the office
B writes down ideas
C listens to the radio
D goes into the garden
E checks emails
F checks the doors
G stays in bed

	5

Listening total		10

LIVEWORKSHEETS