



ENGLISH

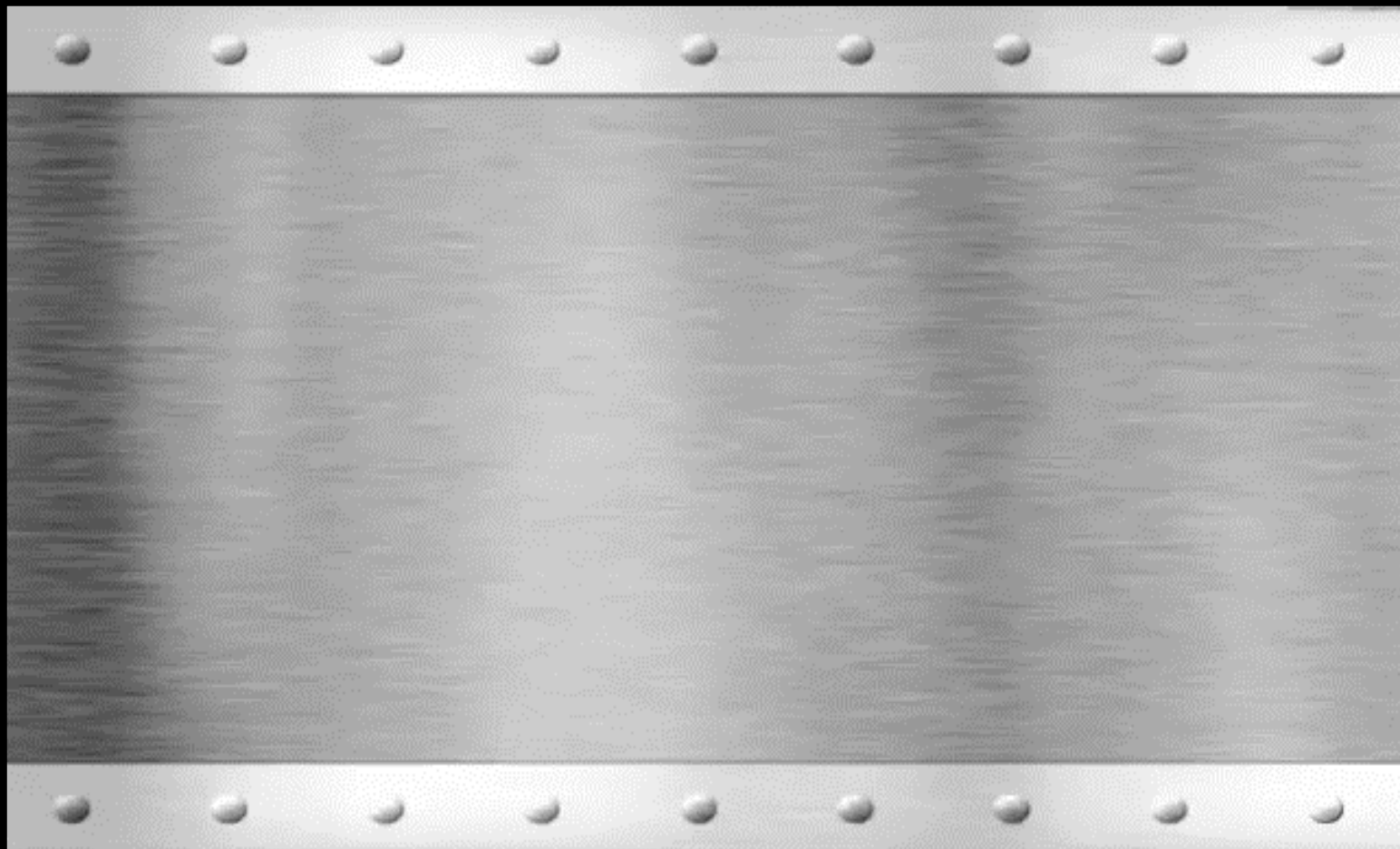
Chapter 11 Session A

3rd
SECONDARY

INVENTION



 **SACO OLIVEROS**



Past perfect

- 1 Read the examples, look at the timeline and circle the correct option in the rules.

After she **had come up with** the idea, she was able to develop the device.

The ice **had melted** before the health worker reached the clinic.

Anurudh **hadn't designed** anything before he created his invention.

Had Eesha **done** any research before she created the device?

She came up
with the idea.

She developed
the device.

The ice melted.

The health worker
reached the clinic.

- 1 We use the past perfect to talk about actions or situations that happened **before** **after** a specific time or another action in the past. We use it to make it clear which action happened first.
- 2 The past perfect clause **can** **can't** come first or second in the sentence. The order isn't important.
- 3 We **can** **can't** use the short forms 'd (*had*) and *hadn't* (*had not*).

after, before, when, by

After she **had done** a lot of research, she had an idea.

She **had worked** for months **before** she found a solution.

She **had** just **bought** the materials **when** I saw her.

By the time I arrived, they **had** already **tried** lots of ideas.

2 Complete the sentences. Use contractions where possible.

- 1 We **'d tried** (try) different things before we found a solution.
- 2 After she **'d invented** (invent) a new machine, she won a prize.
- 3 The class **had just started** (just/start) when we got to the science laboratory.
- 4 When I saw him, Mark **hadn't finished** (not finish) his experiment.
- 5 Before I chose this one, I **'d already tested** (already/test) a lot of other products.

3 Circle the correct option.

Who invented chips?

In 1853, George Crum was cooking in a restaurant in Saratoga Springs. When he found out that a customer **1 complained/had complained** about his fries, Crum **2 decided/had decided** to cut the potatoes thinner. The customer **3 complained/had complained** again. By this time, Crum **4 had/had had** enough! After he **5 cut/had cut** the potatoes as thin as he could, he **6 cooked/had cooked** them in hot oil. The customer **7 loved/had loved** them – and Crum **8 invented/had invented** chips!

4 Write questions using the past perfect or simple past. Then answer the questions.

1 who / complain / about the fries ?

Who had complained about the fries?

A customer.

2 the customer / complain again ?

Did the customer complain again?

Yes.

3 why / Crum / have enough ?

Why had Crum had enough?

Because the customer had complained twice.

4 how / Crum / cook the really thin potatoes ?

How did Crum cook the really thin potatoes?

In hot oil.

5 what / he / invent ?

What had he invented?

He'd invented chips.

5 Complete the text with the past perfect or simple past form of the verbs in parentheses.

A tasty invention



In 1937, Ruth Wakefield and her husband owned a hotel and restaurant in America and Ruth 1 **cooked** (cook) for the guests.

One day while she was making cookies she 2 **realized** (realize) that she 3 **had run out** (run out) of cooking chocolate. She 4 **had forgotten** (forget) to buy it! Ruth 5 **decided** (decide) to use normal chocolate instead. She chopped a bar into small pieces and hoped the pieces would melt. When she 6 **took** (take) the cookies out of the oven, she discovered the chocolate 7 **hadn't melted** (not melt). By accident, Ruth 8 **had invented** (invent) the chocolate chip cookie!



1 Reinforcement Complete the sentences with the past perfect of the verbs.

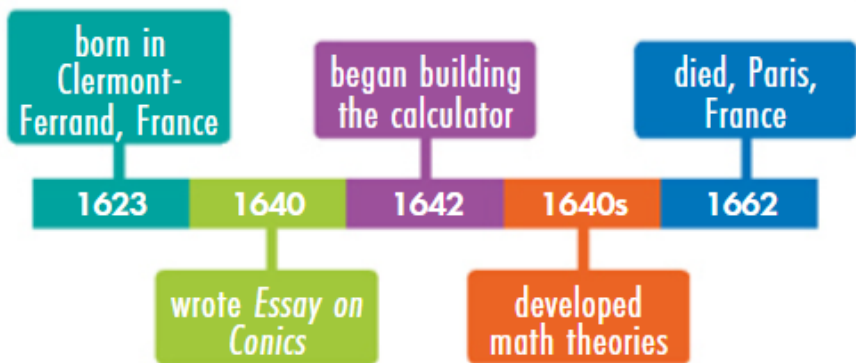
- 1 We couldn't do the experiment because we hadn't read (not read) the instructions.
- 2 After Jules had designed (design) a new app, she sent it to a developer.
- 3 Mike was excited about his trip to France because he hadn't gone (not go) abroad before.
- 4 We couldn't see the concert because we hadn't bought (not buy) tickets.
- 5 When we got to the party, most people had left (leave).
- 6 I wasn't hungry because I had had (have) a big lunch.



2

Challenge

Circle the correct option.



Blaise Pascal was a French mathematician and inventor, famous for inventing the first calculator.

Pascal was born in 1623. As a child, he loved math and read lots of books about geometry. By the age of 16, he **1 wrote/had written** his first math book.

In 1642, he **2 began/had begun** to build a calculator. He eventually **3 made/had made** a calculator, but only after he **4 tried/had tried** 50 different designs!

Pascal **5 continued/had continued** to work as a mathematician all his life. By the time he **6 died/had died** in 1662, he **7 developed/had developed** many math theories.



Thank you

