



Al-Mustaqbal University

Collage of Engineering

Prosthetics and Orthotics Engineering

First Stage

English Language I

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1<sup>st</sup> term – Lecture 6

2025-2026





# Grammar

**STARTER**



What is the Past Simple and the past participle of these verbs?

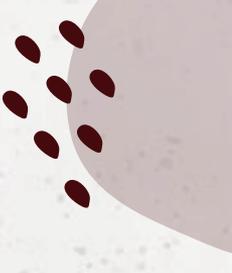
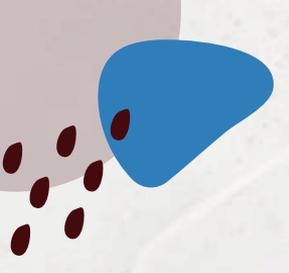
write be sell win have read do eat know break

## **Present Perfect Tense**

The present perfect tense is used to describe actions or events that have occurred at some point in the past and are still relevant or have an effect on the present moment.

It's formed using the auxiliary verb "have" (or "has" for third-person singular subjects) followed by the past participle of the main verb.

Subject + have/has + past participle



# Grammar

## Uses of Present Perfect:

**Unspecified time before now:** I have read that book. (The exact time is not important or mentioned.)

**Experience:** Have you ever been to Paris?

**Change over time:** Your English has improved since we last met.

**Achievements:** Scientists have discovered a new species.

**Recent events with relevance to the present:** She has just finished her project.

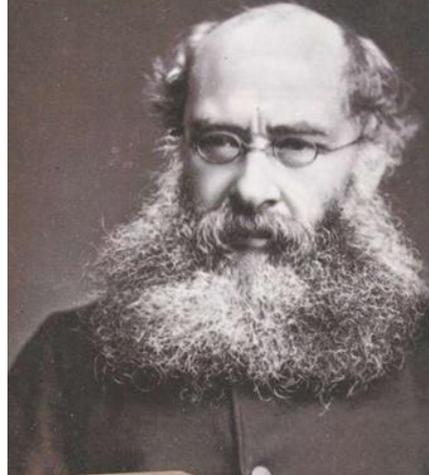
# Grammer

1 Look at the photographs of two well-known English writers. How do you think they are related?

Complete the sentences with *He* or *She*.

- 1 \_\_\_\_ wrote novels about Victorian life. \_\_\_\_ writes novels about modern people and their relationships.
- 2 \_\_\_\_ wrote 47 novels, travel books, biographies, and short stories. \_\_\_\_ has written over twenty novels. \_\_\_\_ started writing in her thirties.
- 3 \_\_\_\_ has lived in the west of England for forty years. \_\_\_\_ lived in Ireland for eighteen years.
- 4 \_\_\_\_ has been married twice, and has two daughters. \_\_\_\_ married for the first time in 1966. \_\_\_\_ was married and had two sons.

ANTHONY TROLLOPE (1815–1882)



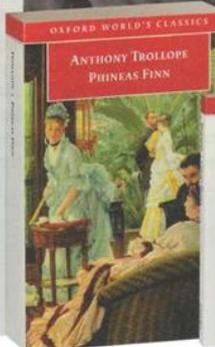
OXFORD WORLD'S CLASSICS

ANTHONY TROLLOPE  
RACHEL RAY



OXFORD WORLD'S CLASSICS

ANTHONY TROLLOPE  
PHINEAS FINN



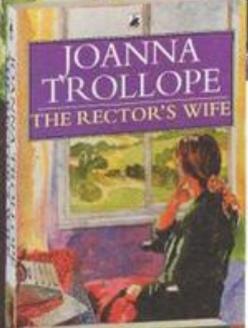
JOANNA TROLLOPE (1943–)



JOANNA TROLLOPE  
THE MEN AND THE GIRLS



JOANNA TROLLOPE  
THE RECTOR'S WIFE



JOANNA TROLLOPE  
NEXT OF KIN



# Grammar

## For

## Since

- Use **for** when talking about the duration (how long).
- Use **since** when talking about the starting point (when it began).

I have lived here **for** ten years.

She has been studying **for** three hours.

I have lived here **since** 2010.

She has been studying **since** 10 AM.

# Grammar

2 Put the verbs in the Present Perfect or Past Simple.

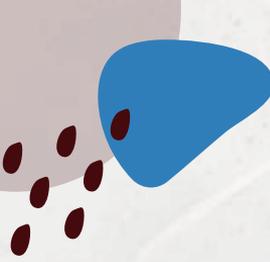
- 1 Anthony Trollope \_\_\_\_\_ (travel) to South Africa, Australia, Egypt, and the West Indies. Joanna Trollope \_\_\_\_\_ (travel) to many parts of the world.
- 2 She \_\_\_\_\_ (win) many awards, and several of her stories \_\_\_\_\_ (appear) on TV.
- 3 Her first book \_\_\_\_\_ (come) out in 1980. Since then, she \_\_\_\_\_ (sell) more than 5 million copies.
- 4 She \_\_\_\_\_ (go) to school in the south of England, and \_\_\_\_\_ (study) English at Oxford University, but she \_\_\_\_\_ (live) in the country for most of her life.
- 5 She writes her books by hand. She \_\_\_\_\_ (have) the same pen since 1995.

Choose the correct verb form.

- 1 *Have you ever been / Did you ever go* to a rock concert?
- 2 I *saw / have seen* The Flash last week.
- 3 I love rock and roll. I *like / have liked* it all my life.
- 4 The Flash's concert *was / has been* fantastic.
- 5 I *have bought / bought* all their records since then.
- 6 The Flash *have been / are* together for over fifteen years.

Complete the time expressions with *for* or *since*.

- |                      |                          |                |
|----------------------|--------------------------|----------------|
| 1 _____ a year       | 4 _____ nine o'clock     | 7 _____ months |
| 2 _____ half an hour | 5 _____ I was a student  | 8 _____ 1999   |
| 3 _____ August       | 6 _____ a couple of days |                |



# Reading and Speaking

**What is gangrene?**

- A) A type of muscle spasm
- B) Death of body tissue
- C) A type of skin rash
- D) Excessive bone growth

**Which of the following is a common risk factor for gangrene?**

- A) High blood pressure
- B) Diabetes
- C) Seasonal allergies
- D) Migraine headaches

**What is the primary goal of Prosthetics and Orthotics Engineering?**

- A) To design comfortable furniture
- B) To create artificial limbs and supportive devices
- C) To develop new pharmaceutical drugs
- D) To improve computer software

**Which material is often used for improving prosthetic implants?**

- A) Plastic
- B) Wood
- C) Hydroxyapatite (HAp)
- D) Rubber

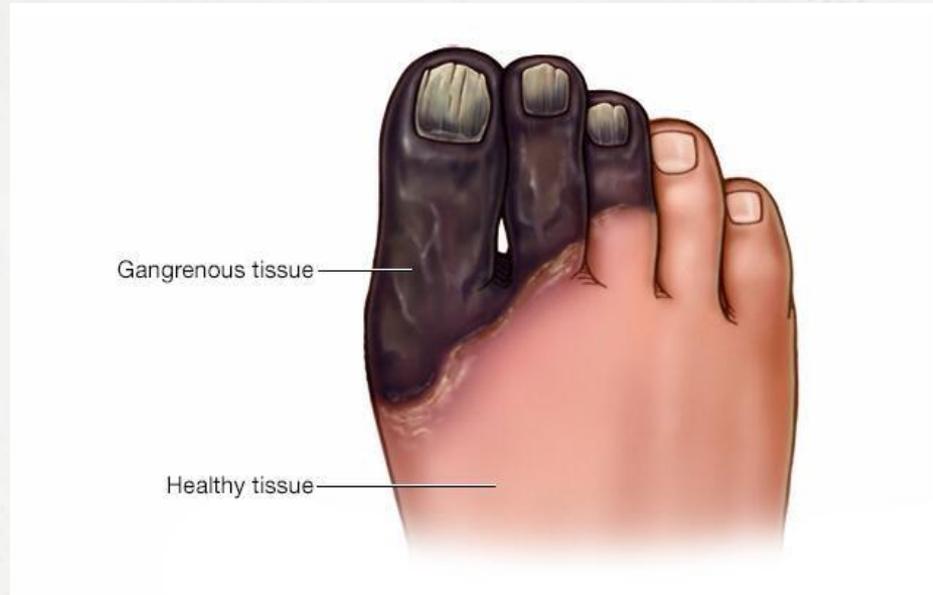
# Gangrene

Gangrene is a serious condition where body tissue dies because it doesn't get enough blood or has a bad infection. It often happens in the fingers, toes, and limbs, but it can also affect muscles and organs. Gangrene can be caused by things like diabetes, smoking, or injuries. If not treated, it can lead to the need for amputation and can cause serious infections.



# Gangrene

Prosthetics and Orthotics Engineering is a field where engineers create artificial limbs and supportive devices. These devices help people who have lost limbs or have physical disabilities. Engineers work on making prosthetic limbs and joints that help people move better and live more comfortably.



# Gangrene

Gangrene and Prosthetics and Orthotics Engineering are related because gangrene can lead to amputation.

When a person loses a limb because of gangrene, they might need a prosthetic limb. Engineers in this field design these prosthetics to help people walk and use their arms again. They make sure the prosthetics are comfortable and work well, improving the lives of people affected by gangrene.



# Vocabulary

Complete the sentences with one of these adverbs.

still  
nearly  
only  
of course  
together



- 1 'Do you love me?' '\_\_\_\_\_ I do. I adore you.'
- 2 I called Tom at 10.00 in the morning, but he was \_\_\_\_\_ in bed.
- 3 It's our anniversary today. We've been \_\_\_\_\_ for fifteen years.
- 4 Kate is very fussy about food. She \_\_\_\_\_ eats pasta and crisps.
- 5 She was very ill and \_\_\_\_\_ died, but fortunately, she got better.

Complete the sentences with one of these adverbs.

at last   exactly   too   especially   just

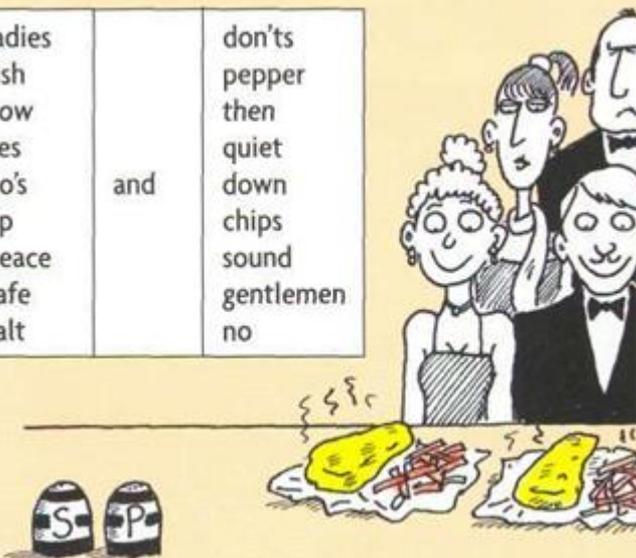
- 1 I like all Russian novelists, \_\_\_\_\_ Tolstoy.
- 2 'I hate ironing.' 'Me, \_\_\_\_\_. It's so boring.'
- 3 'Are you telling me that we have no money?'  
'\_\_\_\_\_ . Not a penny.'
- 4 I met her on December 23, \_\_\_\_\_ before Christmas.
- 5 \_\_\_\_\_ I have finished this exercise. Thank goodness! It was so boring.

Match the words.

ladies  
fish  
now  
yes  
do's  
up  
peace  
safe  
salt

and

don'ts  
pepper  
then  
quiet  
down  
chips  
sound  
gentlemen  
no



2 Complete the short answers. Continue with a line from the speech bubbles.

*I'm sorry. I haven't got a penny on me.*

*Why? What are you doing?*

*I prefer rock'n'roll.*

*It was a great game.*

*I went there last weekend with Frank.*

*But they give me a lot of freedom, too.*

- 1 A Do you like jazz?  
B No, \_\_\_\_\_ . \_\_\_\_\_ .
- 2 A Did you see the football last night?  
B Yes, \_\_\_\_\_ . \_\_\_\_\_ .
- 3 A Have you got change for a pound?  
B No, \_\_\_\_\_ . \_\_\_\_\_ .
- 4 A Have you tried the new pizza place?  
B Yes, \_\_\_\_\_ . \_\_\_\_\_ .
- 5 A Are your parents quite strict?  
B Yes, I suppose \_\_\_\_\_ . \_\_\_\_\_ .
- 6 A Are you doing anything tonight?  
B No, \_\_\_\_\_ . \_\_\_\_\_ .



# Vocabulary

## Lower Limb Amputation Level

