

Lesen Sie den Dialog gründlich und, wenn es geht, laut. Versuchen Sie, den Inhalt in groben Zügen zu merken. Die **"fetten Sätze/Wörter"** können Sie sich per Mausklick anhören.



*Good morning!*

## 1. A visit to the training centre

Near London.

**Ralph arrives at the main entrance of an electronics company.**

**He is 18 years old, comes from Berlin and is in the last year of his vocational training. He is excited by the opportunity to spend a few months in England, not only to extend his training but also to improve his English.**

**His uncle, Michael Miller, is the company's training manager. He had arranged for Ralph to spend part of his vocational training at the English subsidiary of Ralph's company.**



*Morning!  
Can I help You?*



*Ralph:  
I have an  
appointment with  
Mr. Miller.*

*Gatekeeper:  
We have a lot of Millers  
in the company. Can you  
tell me where he works?*



## 4.1 Exercise

### Calculations

Benutzen Sie zum Lösen der folgenden Aufgaben die englischen Formeln.

Klicken Sie auf das Wort Calculations.

The **area** of a **triangle** is defined as one half base times height.

$$\text{Area (triangle)} = \frac{1}{2} b \times h \text{ or } \frac{b \times h}{2}$$

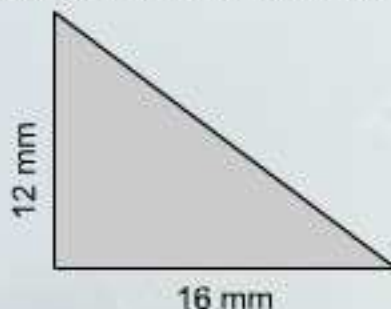
The **perimeter** of a **triangle** is defined as the sum of the three sides.

$$\text{Perimeter (triangle)} = a + b + c$$

**Pythagoras' Theorem:** The area of the square on the hypotenuse (the longest side) is equal to the sum of the areas of the squares drawn on the other two sides.

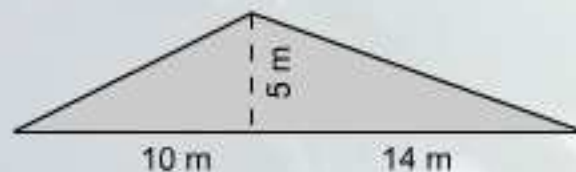
$$c^2 = a^2 + b^2$$

3. Calculate the area and the perimeter of the triangle pictured below.



$$\text{Area} = \underline{\hspace{2cm}} \text{ cm}^2 \quad \text{Perimeter} = \underline{\hspace{2cm}} \text{ cm}$$

4. Calculate the area and the perimeter of the triangle pictured below with a base of 24 metres and a height of 5 metres.



$$\text{Area} = \underline{\hspace{2cm}} \text{ cm}^2 \quad \text{Perimeter} = \underline{\hspace{2cm}} \text{ cm}$$



**Rettungzeichen**  
(Zeichen mit grünem  
Untergrund)

**Brandschutzzeichen**

### Further signs

#### Safe condition signs

Safe condition signs are rectangular and white on a green background and indicate the correct place to go or the correct action to be taken in an emergency. They give information about safe conditions.



#### Fire fighting equipment signs

The location of all fire fighting equipment is to be marked in red. Typical signs are the following:





Mr. Jordan:

***Let's see how we  
could fit them into our  
letter here:***

To:  
Miller Inc.  
P.O. Box 11  
Long Beach, C.A. 90815  
USA

November 13, 2001

Subject: Job

Dear Dr. Frazier,

All terms and conditions, providing  
you meet our  
requirements, than a rough  
idea. Please, our terms and  
conditions, and  
corporate  
Should the  
can look forward to our first order within 24 days.  
Thank you for your cooperation in this matter.  
We have also enclosed our usual trade references.

Yours sincerely

Ralph Berger

Dear Dr. Frazier,

In response to your job advertisement in New Orleans Times on October 14, 2000, I am writing to apply for the position of Electrician Service Crew.

I am currently in the last year of my vocational training with Eldorado Electronics Great Britain. I am a German citizen and will pass my final examination on October 30, 2000 in Berlin.

After the examination I would like to apply my knowledge of electrical engineering and gain practical experience in to teamwork. My objective is to become a foreman of a service team in an international company within the next three years.

Having worked in Germany and Great Britain during my vocational training, I specialized in international standardization procedures. This is also the reason I am personally very interested in working with an US-American company.

