

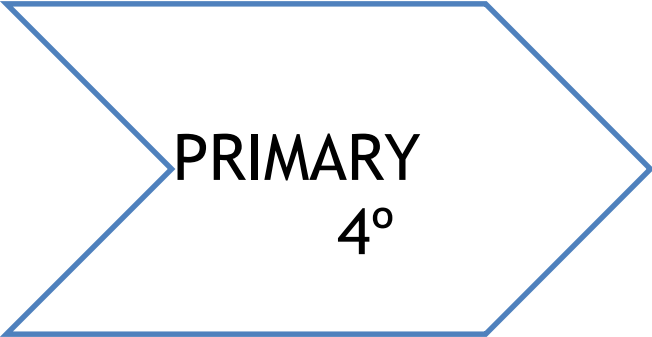


PRIMARY

4^o



DIDACTIC CONTENTS



Language



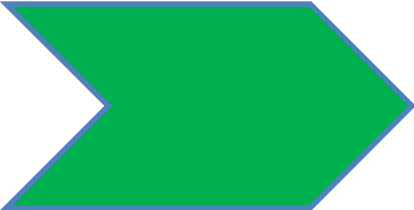
Description



Mathematics



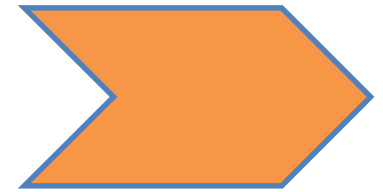
Logical Deduction



Written expression



Visual arts



All of the pieces on display at Portopí were used at other lighthouses in the Balearic Islands. **Separate the names of these lighthouses into syllables:**



1

..... ●



2

..... ●



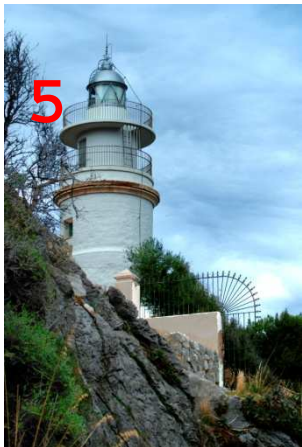
3

..... ●



4

..... ●



5

..... ●



6

..... ●



7

..... ●

- 1 Portopí
- 2 Tramuntana
- 3 Calafiguera
- 4 Llebeig
- 5 Cap Gros
- 6 La Mola
- 7 Ensiola



There are many different types of **OPTICAS** on display at the **Portopí** Exhibition.



Their size is related to the range of the light, that is to say that the larger the **OPTIC**, the greater the range of its light. One nautical mile= 1852 metres.

Calculate how many metres are

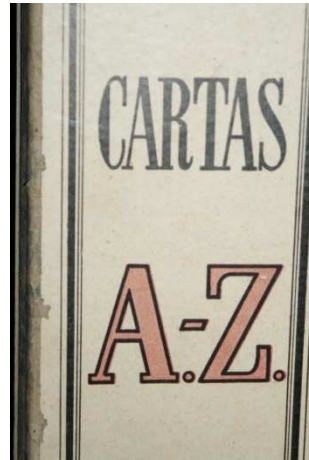
3 miles =..... metres

5 miles =..... metres

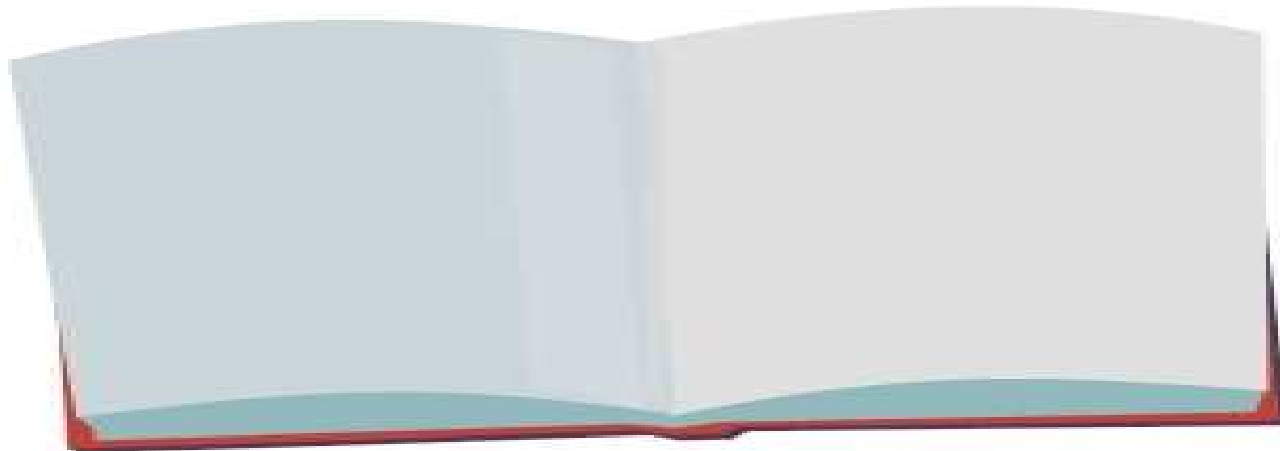
8 miles = metres

10 miles = metres

The **HISTORY** of lighthouses is written in old books like these:



Do you think that you could invent the **HISTORY** of a lighthouse?





There are many different **CLOCKS** at Portopí.



Choose one and make a **description** of it

What is the clock like?

.....

.....

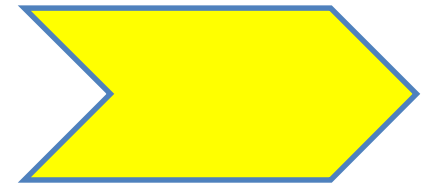
How do you think it works

.....

Why were they useful in lighthouses?

.....

.....



When lighthouses used PETROL ...

What do you think the lighthouse keepers had to do?

Complete these sentences

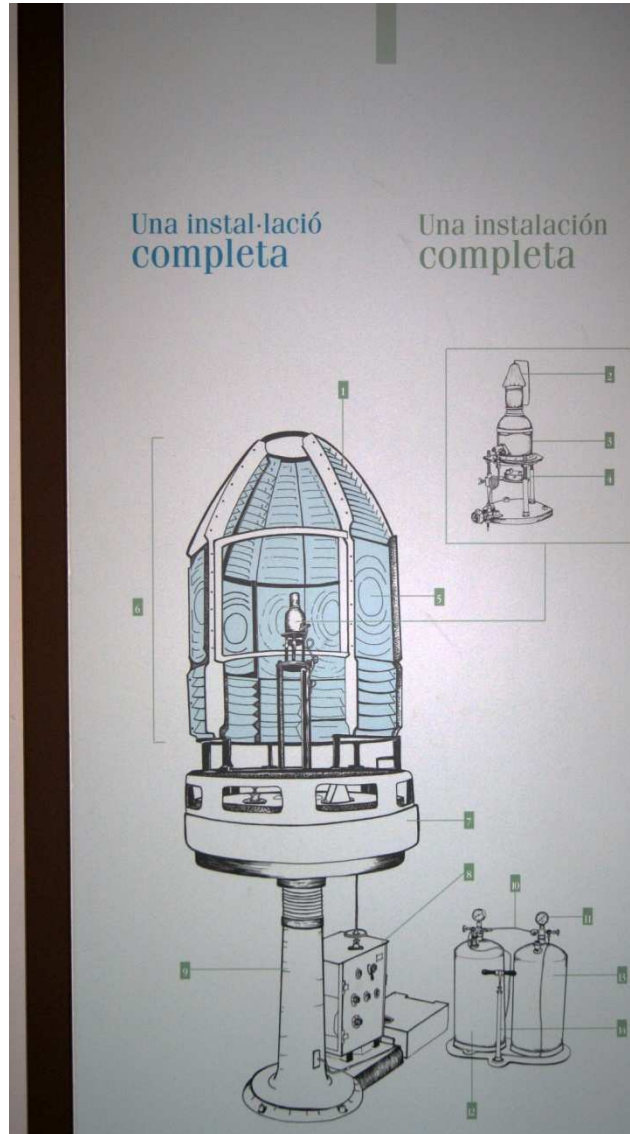
a) To be very -----.

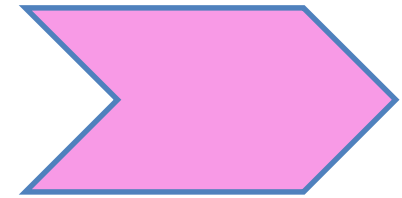
b) --- with the pressure of the bottles

c) in order to ----- an explosion.

One of these two bottles contained petrol and the other air. When the air was turned on, the petrol went up to the lamp which was lit with a match.

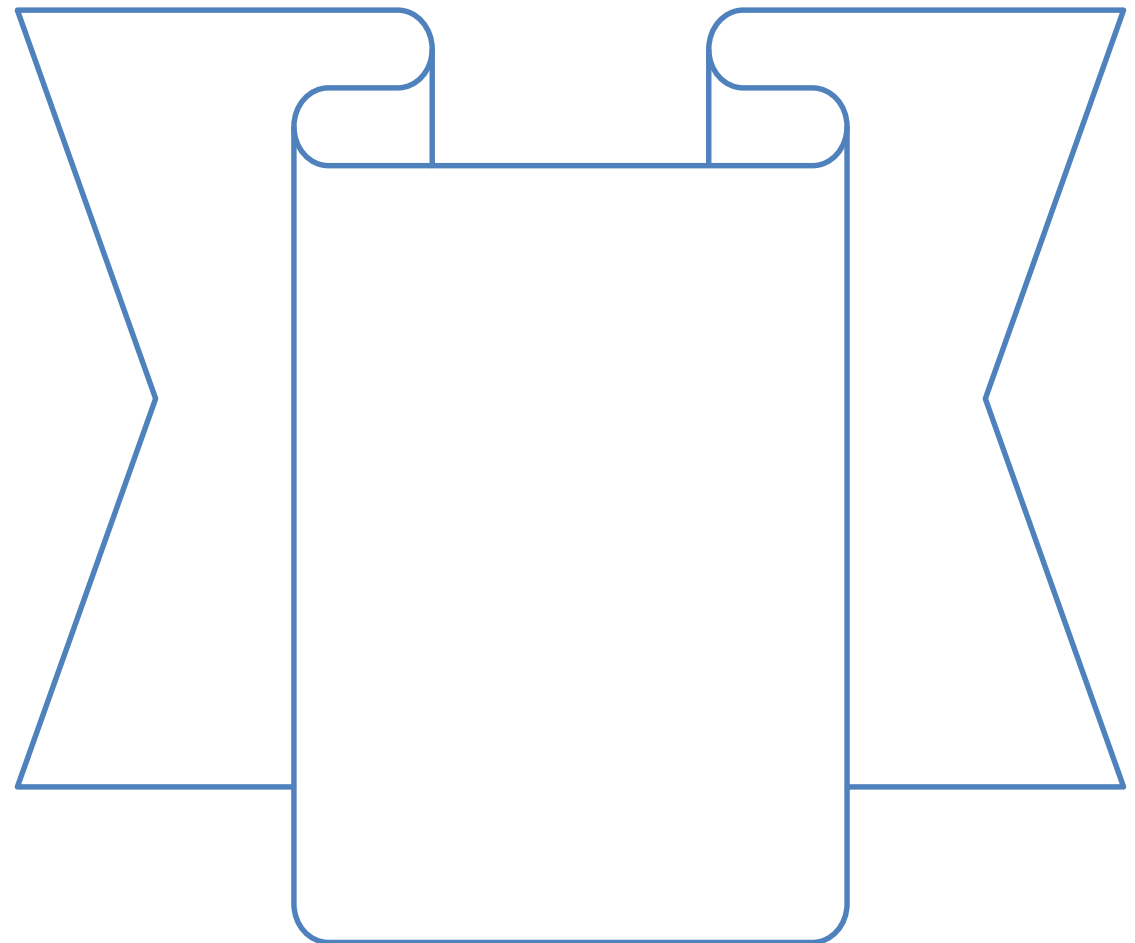
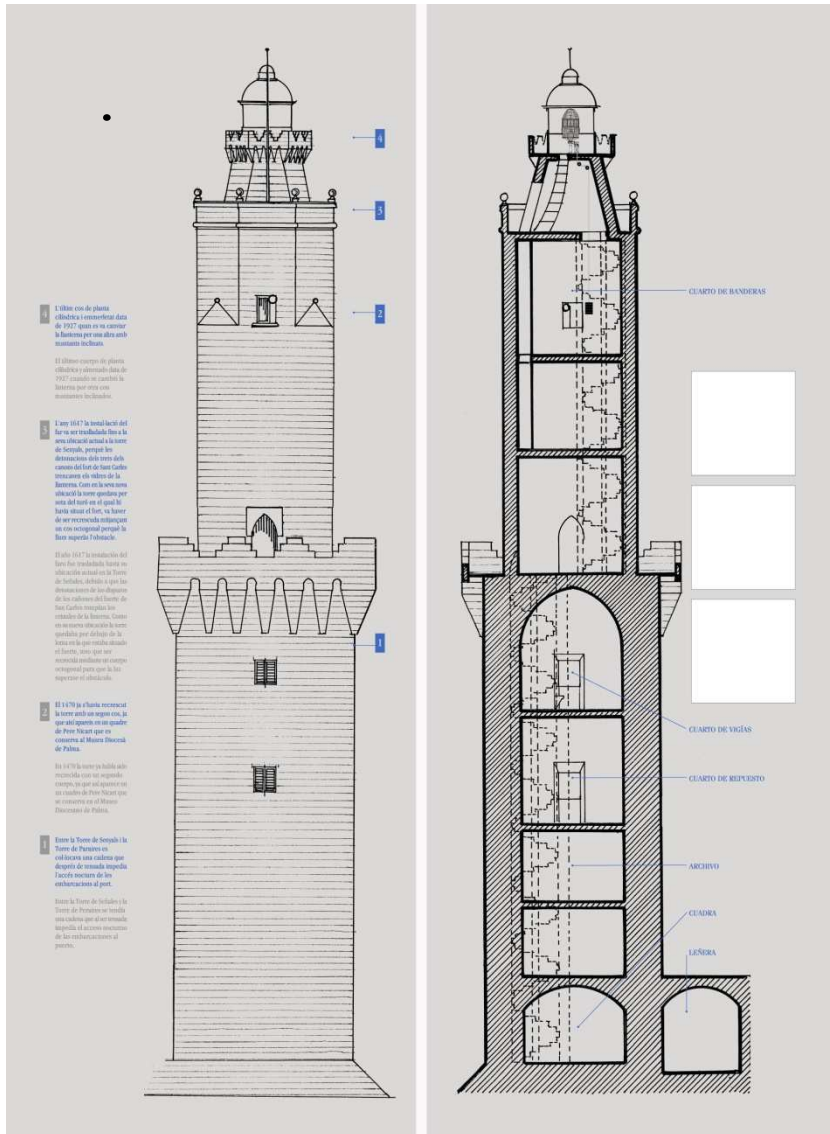
And the light shone!





This is Portopí lighthouse seen from the inside and the outside.

Draw the lighthouse and then colour it in.



Educational resources: Kole Seoane, teacher specialising in infant and primary education.

Graphic materials: Kole Seoane.
Balearic Islands Port Authority
(Exhibition of Maritime Navigational Aids, Portopí Lighthouse)