

A decorative border with a Greek key (meander) pattern in white on a black background, framing the entire content.

*Zone:*  
**Egypt**

*Type:*  
**Logic**

*Game:*  
**Hekats**

*Time allowed:*  
**3 minutes**

# Egypt Logic

## Hekats

Time allowed - 3 minutes

### Also Needed:

a balance  
hekats

a bag of rice weighing 16 hekats  
pencil and paper

Hekats can be any weights in the ratio of 1 : 3 : 9 : 27  
You could use standard commercial weights or make them out of plasticene and cover them (e.g. put in a covered matchbox) Alternatively your Technology dept. may be able to help. Each weight should be labelled with its value

# Egypt - Logic

## Egyptian Weights – 3 minutes

Mount the instruction sheet on card.

Provide:-

A balance

Hekats

A bag of rice weighing 16 hekats

Pencil and paper

n.b. Hekats can be any weights in the ratio of 1 : 3 : 9 : 27

You can use standard commercial weights or make them out of plasticene and cover them (e.g. put in a covered matchbox).

Alternatively your technology department may be able to help.  
Each weight should be labelled with its value.

# **Egyptian Weights**

**Using the ancient  
Egyptian weights of:-**

**1 hekat  
3 hekats  
9 hekats  
27 hekats**

**weigh the bag of rice  
and write down its  
weight in hekats**

Egypt - Logic

ANSWER

# Egyptian Hekats

Answer = 16 hekats

rice

9

3

27

1

