

ELGIN ACADEMY

Prelim Examination 2008 / 2009

MATHEMATICS Standard Grade - Foundation Level Paper I

Time Allowed - 20 minutes

First name and initials

Surname

Class

Teacher

Read Carefully

1. Answer as many questions as you can.
2. Write your answers in the spaces provided .
3. Full credit will be given only where the solution contains appropriate working.
4. **You may not use a calculator**

	KU	RE
Total Marks for Paper 1		

1. Carry out the following calculations.

(a) 426×6

(1)

(b) $6.7 - 2.9$

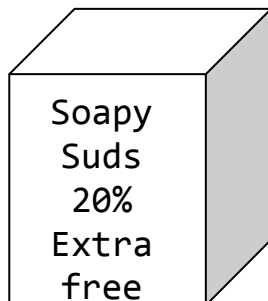
(1)

(c) 4.75×10

(1)

2. This packet of soap powder was on sale in Asfield supermarket. The normal weight of it is 250g.

What weight of soap powder will be in this special pack?



Normal Weight
250g

(3)

3. Dylan is saving to buy a new phone which costs £92. He has already managed to save $\frac{1}{4}$ of the money.

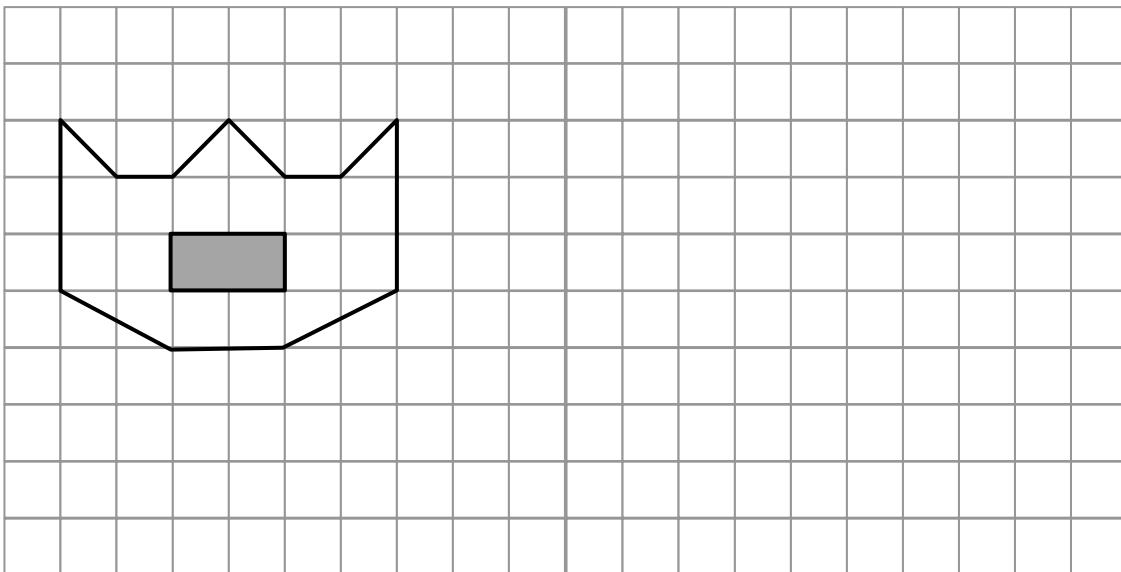
How much money has he already saved?



(2)

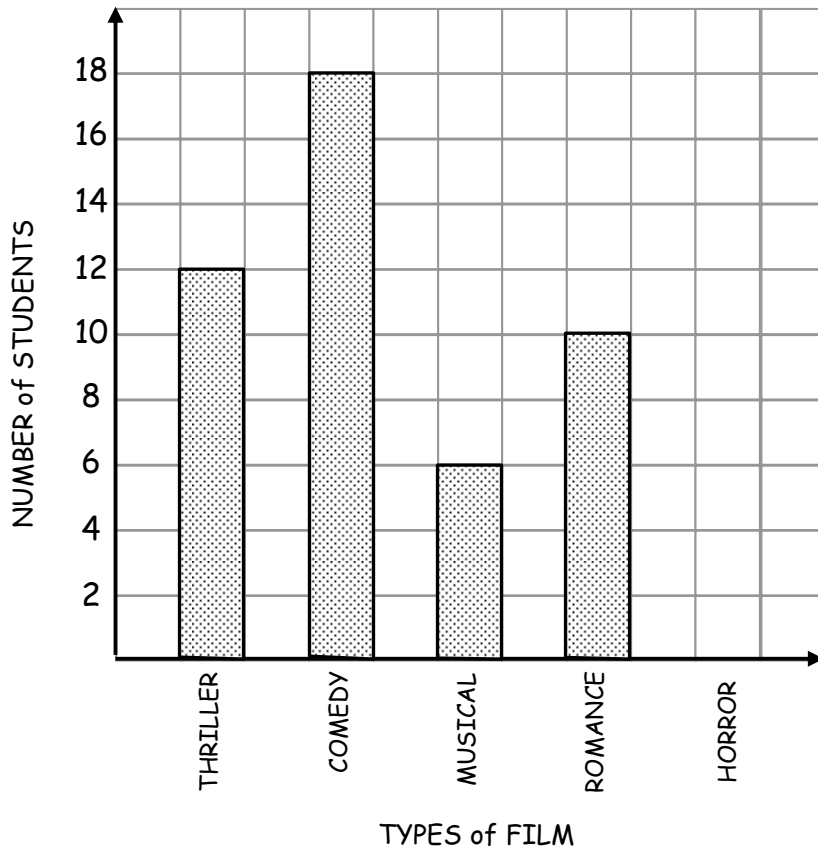
4. Make a copy of this shape on the grid, making each line double the length.

[There are spare grids at the end of this paper if you make a mistake.]



(4)

5. Mr Pirie is drawing a graph to show how many students preferred a particular type of film. Part of the graph is shown below.



- (a) What was the most popular kind of film?

(1)

- (b) The **total** number of students asked is 60.

Complete the graph to show the number of pupils who preferred Horror.

(3)

- (c) How many students liked the least popular type of film?

(1)

6. A costume is being designed for the cast of the school show. There are 3 colours – red, white and blue – the costume has to consist of a tee shirt, shorts and socks. Each one has to be a different colour.

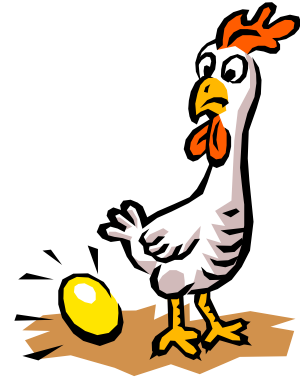
One possible combination for the costume is shown in the table. Complete the table to show 3 more possible costumes.

Tee-Shirt	Shorts	Socks
Red	White	Blue

(2)

7. Farmer Jones collects eggs from his hen house every day. Here is a list of the number of eggs he collected every day for 3 weeks.

43 40 40 41 41 42 38
 42 42 42 39 39 38 42
 40 42 39 42 39 40 38



(a) Complete this frequency table for the above.

Number of Eggs	Tally	Number of Days
38		
39		
40		
41		
42		
43		

(b) The farmer thought that the mode would be 42.
 Was he correct? Give a reason for your answer.

(c) On how many days did the farmer collect **more than** 40 eggs?

(3)

(2)

(1)

Spare grids for question 4.

