

P7 Transfer Test**Paper 3****Time allowed: 1 hour**

Please complete the following information:

Name: _____

Class: _____

Teacher: _____

Date: _____

Mathematics		
Page	Marks	Score
3	(7)	
8	(4)	
9	(5)	
10	(6)	
11	(4)	
Total (26 Marks)		

English		
Page	Marks	Score
1	(2)	
2	(8)	
5	(2)	
6	(6)	
13	(2)	
14	(6)	
Total (26 Marks)		

The Armagh Planetarium

The opening of the Armagh Planetarium on 1st May 1968 brought astronomy to a wide audience. Each year thousands of visitors, both young and old, have visited this very popular tourist and educational attraction to view interactive presentations in its star theatre.

In 1970 a dome was added to house a telescope which could be used by the public to view the stars and planets. This telescope remains the largest telescope to be used in Ireland to be used solely by the general public.

In 1974 an extension to the main building incorporated the Lindsay Hall of Astronomy and in 1974 the Eartharium was added to increase visitors' awareness of Earth Sciences.

The shows in the planetarium have progressed, as technology has improved, from simple views of the stars to interactive presentations with special effects where the audience can influence the direction of the show by pressing buttons attached to their seats. A state of the art 3-D digital projector is used to create the night sky and the theatre also uses digital video and sophisticated all-sky projections to immerse the audience in a dazzling audio-visual experience.

1. Which word in the first paragraph indicates that school children visit the Armagh Planetarium?

educational

2. Which phrase of three words in the article shows that elderly people as well as young people visit the planetarium?

young and old

Do not write in this column

7. Brian is saving his pocket money to buy a new DVD player which costs £72. He has saved £24. What fraction of the total has he saved?

$$\frac{24}{72} \xrightarrow{\div 24} \frac{1}{3}$$

simplify

Tick the correct box.

$\frac{1}{2}$

$\frac{3}{4}$

$\frac{1}{3}$

$\frac{3}{5}$

$\frac{2}{7}$

What percentage of the total has he saved?

$\frac{33\frac{1}{3}}{\text{or } 33.3\%}$ %

8. There are nine classes in Redcastle School.

Each class has 26 pupils.

$$\begin{array}{r} 26 \\ \times 9 \\ \hline 234 \end{array}$$

234 pupils

$$\begin{array}{r} 234 \\ - 28 \\ \hline 206 \end{array}$$

On one cold day in December, 28 pupils were absent through illness.

How many pupils attended Redcastle School that day?

pupils

9. When completely full a bus holds 63 passengers.

The bus is $\frac{5}{9}$ full. How many passengers are on the bus?

$\div 9 \text{ then } \times 5$

$$\begin{array}{l} 63 \div 9 = 7 \\ 7 \times 5 = 35 \end{array}$$

35

passengers

10. Write the number in the box below which will complete the following calculation.

56.3 - = 23.9

$$\begin{array}{r} 56.3 \\ - 23.9 \\ \hline 32.4 \end{array}$$

11. Which of the two angles below are smaller than a right angle? $h = 90^\circ$

Tick the correct boxes.

345°

78°

225°

91°

23°

Do not write in this column

✓

✓

✓

✓

✓

✓

✓

CUP FINAL REPORT

Do not write in
this column

1 It is very unlikely that little Jimmy Grant will ever forget his first goal of the football season for his school soccer team. The 10 year old defender won the cup for his school by heading home the only goal of the match two minutes before the end of the schools' cup final between St Mary's PS and Brownstone Primary School.

2 "It has been really special," admitted Grant, who only captained the St Mary's PS team on Saturday after Frank Grimes, who normally captains the side, was forced to miss the game because of a leg injury.

3 "I have taken the ball home as a souvenir and also the captain's armband because when will I ever be able to score such a terrific goal?"

4 "It was a really hard match against Brownstone PS," he said. "But in the end things worked out for us."

5 "I may never get another opportunity to lead this team as Frank Grimes has been a great captain and he still deserves the job," said Grant.

6 Any of the spectators who witnessed the match will undoubtedly agree that Jimmy did indeed score a very special goal! Congratulations to Jimmy and all his fellow players.

16. Look at the first paragraph. Find a phrase of two words which means the opposite of 'highly possible'.

very unlikely

17. Which word in the last paragraph means the same as 'watching crowd'?

spectators

GO STRAIGHT TO PAGE 6

2 Marks

Look at the fees for crossing the New Ferry toll bridge.

Do not write in this column

NEW FERRY BRIDGE - TOLL FEES

Adult on foot (single)	£1.00
Adult on foot (return)	£1.70
Car and driver (single)	£3.20
Car and driver (return)	£5.00
Each additional adult (single or return)	£1.00
Minibus and driver (single)	£5.50
Minibus and driver return	£10.00
Each additional adult (single or return)	£1.00
Coach, driver and all passengers (single)	£30.00
Coach, driver and all passengers (return)	£43.00
Motorcycle and driver (single)	£1.90
Motorcycle and driver (return)	£3.00
Extra charge for passenger (single or return)	£1.00

* All Children FREE *

29. How much would the ^{£3.20} driver of a car and his ^{2 x £1} two adult passengers have to pay if they made a single crossing? £ 5.20 ✓
30. How much change would a family of two adults and three children get from a £20 note if they had to make a return journey on foot? ^{2 x £1.70 = £3.40} ^{free} £ 16.60 ✓
 $£20 - £3.40$
31. A party of five adults wanted to make a single crossing. What would it cost if three of them were on foot and the other two shared the same motorcycle? ^{3 x £1 = £3} £ 5.90 ✓
 $£1.90 + £1.00 = £2.90$
32. The ^{£10} driver of a minibus, with ^{6 x £1} six passengers, wanted to make a return crossing. How much should the toll booth operator charge for this journey? £ 16.00 ✓
33. A coach with 34 passengers (10 adults and 24 children) were making a single crossing. What is the toll fee? £ 30.00 ✓

BADGERS

- 1 Although some badgers live alone, many live together in groups.
- 2 A group of badgers is called a clan. A clan is usually made up of several adults and their cubs. A large clan may have a dozen or more adults, plus cubs.
- 3 Members of a clan can recognise each other by smell. Each badger clan has its own area, called a territory or home range. The territory often contains one or more setts (the name used to describe the places in which badgers live). There should also be a good supply of food to be found in the territory.
- 4 If a badger from one clan wanders into the territory of another clan, there may be trouble! If the badger is discovered, a fight may break out.
- 5 Badgers have powerful jaws, and can cause nasty injuries when they fight. Fights can also take place between members of the same clan.
- 6 This usually happens when there are too many badgers in the clan, and not enough food to go round. Fights break out, and the younger animals may then leave the clan to find somewhere else to live.

46. Which word is used to describe a group of badgers?

clan

47. Name two alternatives mentioned in the story for the area in which badgers live.

territory
home range
sett

Any two = 1

Do not write in this column

✓
✓
~~~~~
2 Marks

48. Which of the five senses do badgers use to recognise each other?

smell

49. Which *phrase of two words* in the story describes what a badger uses in a fight?

powerful jaws

50. Why are some young badgers forced to leave the clan?

too many badgers and not enough food

51. Find a word or words in the article which are the similar to the following words.

Write your answers in the spaces provided:

roams

wanders

strong

powerful

insufficient

not enough

Do not write in this column

✓

✓

✓

✓

✓

✓

