



Set 2

P7 Transfer Test

Paper 7

Time allowed: 1 hour

Please complete the following information:

Name: _____

Class: _____

Teacher: _____

Date: _____

Mathematics		
Page	Marks	Score
1	(5)	
2	(5)	
7	(5)	
10	(7)	
15	(4)	
Total (26 Marks)		

English		
Page	Marks	Score
3	(2)	
4	(7)	
5	(2)	
6	(7)	
13	(1)	
14	(7)	
Total (26 Marks)		

The following seven bricklayers work for a local building firm. Their basic weekly wage is £290.

Bonuses are awarded for the number of bricks each worker can lay in a five day working week.

They can each earn a bonus up to a maximum of £120 on top of their basic weekly wage.

The table below shows what proportion of the maximum bonus each of the seven bricklayers received in their pay packet last week.

Complete the table below to show what each of them earned in bonuses last week.

£120

Brick Layer	Proportion of Bonus Received	Total Bonus
Frank	$\frac{1}{4}$ one quarter \div by 4	£30
Barry	$\frac{3}{4}$ 75% \div by 4 \times by 3	£90
Peter	$\frac{7}{10}$ seven tenths \div by 10 \times by 7	£84
William	$\frac{40}{100} = \frac{4}{10} = \frac{2}{5}$ 40% \div by 5 \times by 2	£48
Sam	$\frac{5}{6}$ five sixths \div by 6 \times by 5	£100
John	1 whole 100%	£120
Mark	$\frac{4}{5}$ four fifths \div by 5 \times by 4	£96

Taking into account Peter's bonus how much did he earn altogether last week? £290 + £84

£ 374

Who laid the most bricks last week? earned full bonus

John

How much more money did Sam receive than William last week? £100 - £48

£ 52

Who received twice as much bonus money as William? $\frac{48}{96} \times 2$

Mark

Do not write in this column

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✓

✓

✓

✓

✓

✓

✓

5 Marks

THE VIKINGS

Raiders from the North

1 The Vikings were daring warriors who raided monasteries and settlements along the coasts of the Britain, Ireland, Western Europe and beyond. They sailed in swift wooden boats called longships which were equipped with both sails and oars. Fearsome carved figureheads at the prow and stern of these boats were intended to frighten their enemies.

2 The shallow draught of these boats enabled the Vikings to swiftly move far inland by river or stream and strike fear into the hearts of the local population.

3 Viking longships were built from overlapping planks of wood and generally measured between 17m – 36m in length. They were steered with a single oar mounted on the starboard side. Crews of 25 to 60 men were common but some larger ships carried crews of as many as 100 men, as well as packhorses and provisions.

4 We know what Viking longships looked like because archaeologists have found well preserved remains of Viking ships at various sites, including Oseberg in Norway and Skuldelev in Denmark.

8. Which word in the first paragraph means the same as 'shorelines'?

coasts

9. Which phrase of four words in the article shows the two methods by which Viking boats could be propelled?

both sails and oars

Do not write in this column

✓

✓

U2 CONCERT

Slane gig sells out in minutes

1 The Slane one-day music festival, this year headlined by U2, has sold out in just over half an hour. There was frenzied demand as 80,000 tickets for the August event to be held at Slane Castle, 20 miles north of Dublin in County Meath, went on public sale at 0700 GMT on Saturday.

2 U2, who recently picked up an outstanding contribution award at the Brits, will play Slane at the end of a sprinkling of UK dates as part of their Elevation tour.

3 The ten hour event at Slane will also feature groups such as the Red Hot Chili Peppers, Coldplay, Kelis, JJ72 and Relish.

4 There were angry scenes in Dublin after fans that had waited outside ticket outlets since Friday morning missed out to those booking over the internet or by telephone.

5 In Dublin, one youth was arrested and extra police officers were called in as disappointed fans were turned away from ticket outlets on Grafton Street.

6 The Irish quartet, who will play a string of North American and European dates beforehand, then go to Slane where 20 years ago they supported Thin Lizzy.

14. In which direction would you be travelling if you went from Slane Castle to Dublin?

Slane Castle
is north of
Dublin

Slane Castle
↓
Dublin

_____ south _____

15. Which word in the last paragraph means the same as 'four people'?

_____ quartet _____

GO STRAIGHT TO PAGE 6

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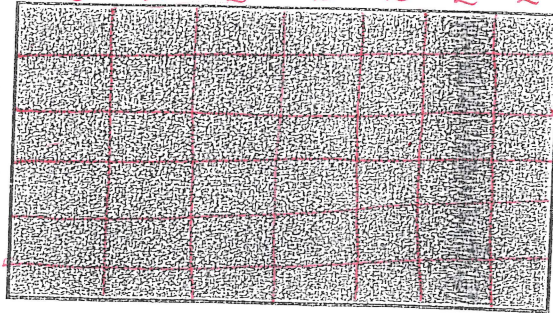
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2 Marks

14m

2 2 2 2 2 2 2



1. Bob draws this plan of his garden

The garden is rectangular in shape and measures 14m x 6m.

He can buy paving slabs from his local garden centre which measure 2m x 1m and cost £2.50 each.

How many paving slabs will he need to completely pave the garden?

42

How much will the paving slabs cost altogether? £ 105

A car travels at a steady speed of 42 kph for 150 minutes. = 2½ hrs
kph = kilometres per hour so in one hour, the car will travel 42km

What is the total distance travelled by the car during this period of time?
Write your answer in kilometres in the space below.

105 kilometres

Class 6 and Class 7 did a joint survey of the football teams that they supported. The children used tally marks to record their findings in the table below.

		Total
Liverpool		14
Manchester United		33
Arsenal		8
Chelsea		15

Complete the total column for each football team.

How many more children supported Manchester United than Chelsea?

18

How many children altogether supported Liverpool, Chelsea and Arsenal?

37

What is the mean (average) number of children in each class?

$14 + 33 + 8 = 55 = 70 \div 2$

35

Do not write in this column

2.50
x 42

5.00 (x2)
100.00 (x40)

105.00

or
42 x £2 = £84
42 x 50p = £21

✓

✓

✓

✓

✓

✓

✓

How should you eat?

Some advice for a healthy lifestyle

- Always eat three square meals a day. If you skip meals, you will damage the function of your metabolism and you will no longer be able to burn fat effectively.
- Don't substitute a protein bar for a meal.
- Be sure to eat protein, carbohydrates and fat at each meal. Protein makes your mind alert and gives you a feeling of being full. Carbohydrates give you energy, and fat makes you feel satisfied, contributes to your neurological development, and carries vitamins throughout your body.
- Recognise that eating fat doesn't make you fat.
- If you decide to limit your fat intake, consider limiting the saturated ones only.
- Never miss breakfast. People who eat less in the early part of the day eat 40% more during the last part of the day.
- Limit the amount of fizzy lemonade that you drink. Drink water instead. It is better for you.
- When you snack, treat your body to something that will help you to grow up and to grow strong. Cheese and crackers, peanut butter on bread, yoghurt and fruit are all great alternatives to cookies and cakes.
- Remember that sweets and cakes aren't badas long as you eat them in moderation!
- A healthy eater is a person who can eat all kinds of foods in moderation.
- Make sure you get regular exercise. Walk to school when you can, take the dog out, enjoy the leaves in autumn, the snow in the winter, and the flowers in the spring.

42. What reason is given for being unable to burn fat effectively?

If you skip meals, you will damage the function of your metabolism

Do not write in this column



43. The article warns you not to drink too much fizzy lemonade.

Answer True or False in the space provided.

True

44. In what quantity is it advised that cakes and sweets can be eaten?

in moderation

45. Apart from carbohydrates what should you also eat at each meal?

proteins

both

fat

Name two exercise methods mentioned in the article.

Write your answers in the spaces below.

walk to school

take the dog out

both

Find words in the article which are the similar in meaning to each of the following **three** phrases.

Write your answers in the spaces provided:

to eat food between meals

snack

or alternatives

substitute

put one thing in place of another

fit and well

healthy

Do not write in this column

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✓

✓

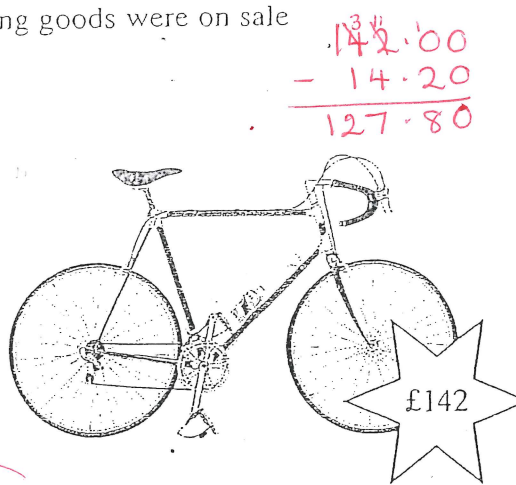
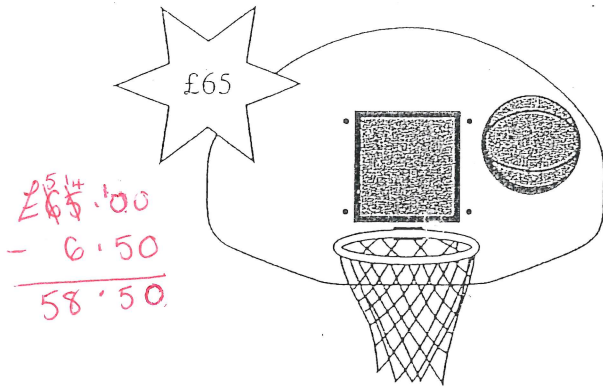
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At the end of Summer the following sporting goods were on sale at the marked price.



Each item was then reduced in price by 10%.

After two weeks the manager dropped the price of each item by a further £5.

48. What is now the price of the Basketball Set? £

53.50

49. What is now the price of the Bike? £

122.80

Using the table below, Cormac compared the passenger information at four airports in Ireland for the years 2001 and 2005.

	2001	2004
Belfast City	1,256,000	1,987,000
Belfast International	2,135,460	3,089,000
Dublin	2,700,000	3,374,000
Shannon	1,845,000	2,456,000

50. Which airport has the greatest increase in passengers from 2001 to 2004?

Belfast International

51. How many passengers altogether travelled from Dublin and Shannon airports in 2004?

5,830,000

LOOK OVER YOUR WORK UNTIL TIME IS UP.
MAKE SURE YOU HAVE NOT MISSED A PAGE.

Do not write in this column

4 Marks