

Heinemann

Set 2

P7 Transfer Test

Paper 9

Time allowed: 1 hour

Please complete the following information:

Name: _____

Class: _____

Teacher: _____

Date: _____

Mathematics		
Page	Marks	Score
7	(5)	
8	(6)	
9	(5)	
10	(5)	
12	(5)	
Total (26 Marks)		

English		
Page	Marks	Score
3	(2)	
4	(8)	
5	(2)	
6	(6)	
13	(2)	
14	(6)	
Total (26 Marks)		

FOX HUNTING

For or Against?

1 Fox hunting is often viewed as a typically traditional British activity - but hunting with hounds takes place all over the world.

2 Fox hunting is considered cruel and unnecessary by those who are determined to see it outlawed in the United Kingdom. Pro-hunt campaigners deny that the hunt is cruel, saying that it is a practical and useful method of controlling the fox population.

3 Countryside campaigners support mounted fox hunts as a method of controlling the number of foxes. The mounted hunt involves foxes being chased by a pack of hounds and a group of huntsmen and women on horseback for several hours.

4 The hounds follow the fox until it is driven into hiding, killed by the dogs or escapes. Hunt supporters do not believe this is a cruel sport.

5 Anti fox hunting protesters, however, say that fox hunting is a very cruel and unnecessary sport. They say that if, and only if, there is a specific problem with a fox in one area, then shooting by a marksman is the only humane way to deal with the problem.

6 They reject claims of a quick, clean death for the fox and say that killing wild animals for pleasure should not be acceptable in this day and age. They also do not accept the fox hunters' stance that foxes are pests, and need to be destroyed somehow.

8. Which phrase of three words in the second paragraph indicates that fox hunting is 'unkind and not needed'?

cruel and unnecessary

9. Apart from hiding what other two possible outcomes are there for a fox being followed by hounds?

(1) killed by the dogs

(2) escaping

both

A Flight Timeline

1000 BC	The kite is invented in China.
1485-1500	Leonardo da Vinci designs flying machines and the parachute.
1783	Jean François Pilâtre de Rozier and Marquis d'Arlandes make the first free aerial voyage in a Montgolfier hot-air balloon.
1797	André Jacques Garnerin makes the first human parachute descent from a balloon.
1891	Otto Lilienthal begins successful gliding experiments.
1903	Orville and Wilbur Wright make the first powered, sustained, and controlled flight in a heavier-than-air flying machine.
1909	The French aviator, Louis Bleriot, makes the first aeroplane crossing of the English Channel.
1927	Charles 'Lucky' Lindbergh completes the first solo, non-stop trans-Atlantic flight.
1932	Amelia Earhart is the first woman to fly a solo non-stop trans-Atlantic flight.
1947	Charles E. Yeager (the X1 pilot) is the first man to break the speed of sound in level flight.
1957	Russia launches the first man-made earth satellite, Sputnik 1.
1961	Russian cosmonaut, Yuri Gagarin, is the first man in space.
1969	U.S. astronauts Neil A. Armstrong and Edwin 'Buzz' Aldrin, become the first men to walk on the moon.

14. Which female matched the aviation feat of Charles Lindbergh?

Amelia Earhart

15. Which event preceded Leonardo da Vinci's design of flying machines and parachutes?

The kite is invented in China

Do not write in
this column

2 Marks

16. The following statements are either true or false.

Tick ☒ the correct box.

Da Vinci flew in a plane.

True

☐

False

☒

Orville's surname was Wright.

☒
☐

The USA launched the first man-made satellite.

☐
☒

Charles Yeager piloted the X1.

☒
☐

Do not write in this column

✓

✓

✓

✓

✓

6 Marks

17. Two of the men in the timeline are also referred to by their nicknames. Write the two nicknames in the spaces below.

(1) Lucky

(2) Buzz

both

18. In which years did each of the following events take place?

The first man to leave the Earth's atmosphere. (in space)

1961

The first satellite is launched.

1957

The first parachute jump by a man.

1797

The sound barrier was broken.

1947

All 4 = 2

2 or 3 = 1

19. How many years did it take for man to progress from the first heavier-than-air powered flight to the first men on the moon? 1903 1969

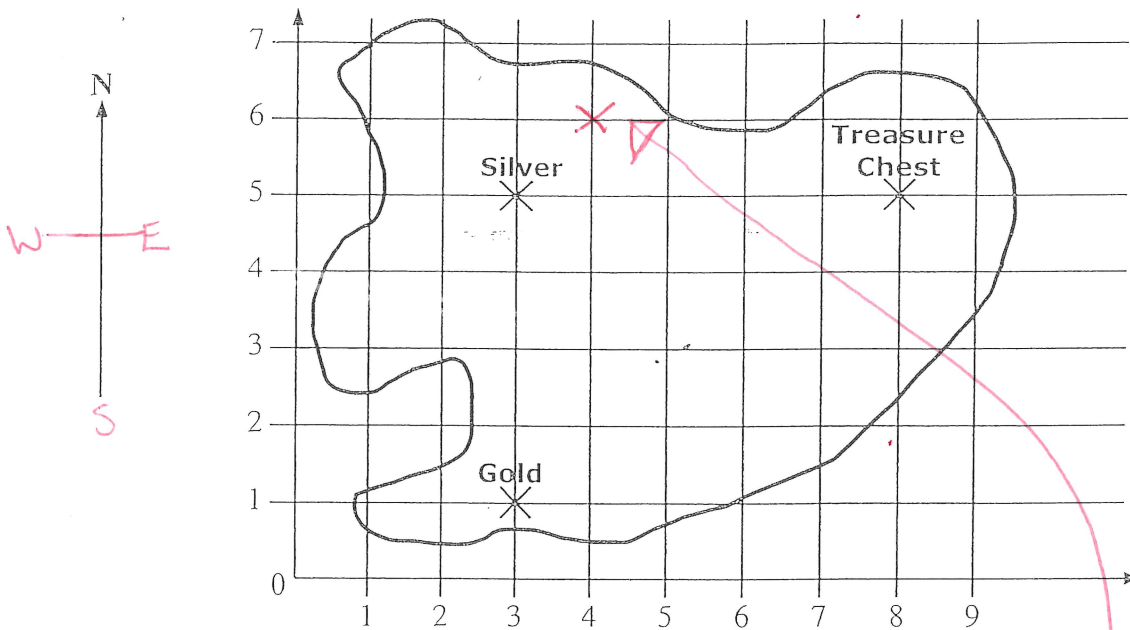
Write your answer in the space below.

66

years

GO STRAIGHT TO PAGE 7

The grid below shows the position of treasure buried by pirates on a remote island.



20. What are the co-ordinates of the 'Silver'? (3 , 5)
21. What treasure is due east of the 'Silver'? Treasure Chest
22. The pirates are going to bury a jewelled crown at (4, 6).
Put an X on the grid to show the exact burial spot of the jewelled crown.

23. Mary's dad bought a new tyre for his car and a first aid kit.

The tyre cost £25.80 and the first aid kit cost £17.70.

A special discount reduced what he paid in total by one third.

He paid the bill using a £50 note. How much change did he receive?

Write your answer in the space provided.

$$\begin{array}{r} 25.80 \\ + 17.70 \\ \hline 43.50 \end{array}$$

$$£50 - £29 =$$

£ 21.00

At 5.07 am Fergus looked at the reading on his 24 hour digital clock.

05:07

24. What would the clock show if the time was 9.27 pm? Write your answer in the box.

21 : 27

Do not write in this column

Look at the numbers below.

1	2	4	7	11	21	27	37	42	50
---	---	---	---	----	----	----	----	----	----

25. Write down all the prime numbers.

can only be ÷ by number itself and 1
2, 7, 11, 37

All

26. Write down all the numbers that are multiples of 7.

answers in 7x-table
7, 21, 42

All

27. Look at the numbers below.
 Write them as fractions in the spaces provided.

75%

is the same as

$$\frac{3}{4}$$

($\frac{75}{100}$)

four fifths

is the same as

$$\frac{4}{5}$$

or any equivalent fraction

half of
one quarter

is the same as



$$\frac{1}{8}$$

0.6

is the same as

$$\frac{6}{10}$$

Do not write in
this column

6 Marks

Julie visited the pet shop to buy some animals with the money that she has saved.



28. How much would Julie have to pay if she decided to buy two white mice and a puppy? $24.30 + 5.40 = 29.70$

£ 29.70

29. How much more expensive is the lizard than the cat?

$$\begin{array}{r} 45.20 \\ - 27.99 \\ \hline 17.21 \end{array}$$

£ 17.21

Linda bought 6 rolls of satin to make several bridesmaid dresses. Each roll was 227 cm long.

30. What was the total length of the satin bought by Linda? Give your answer in metres.

$$\begin{array}{r} 227 \\ \times 6 \\ \hline 1362 \text{ cm} \end{array}$$

$1 \text{ m} = 100 \text{ cm}$

13.62 m

31. Which of the following calculations give the answer 75?

Tick ☒ the boxes next to the two calculations that give the answer 75.

$\times 10$
← one square

$\times 100$
← two squares

$\div 10$
→ one square

$\div 100$
→ two squares

7.05×10 ☐

70.5

7.50×100 ☐

750.00

7.50×10 ☒

75.00

$70.1 \div 10$ ☐

7.01

$750.0 \div 10$ ☒

75.0

$750 \div 100$ ☐

7.50

Do not write in this column

32. Michelle could buy a watch for £39.99 in her local shopping centre.

On a day trip to France, she saw the same watch on sale for 60 Euro.

At that time 1 Euro was worth 62p.

Tick ☒ the correct box to show which statement is true.

The watch was £1.79 cheaper in her local shopping centre.

The watch was £1.79 cheaper in France.

The watch was £2.79 cheaper in her local shopping centre.

The watch was £2.79 cheaper in France.

33. Barney has three 2 litre bottles of lemonade. so 6 litres altogether = 6000ml

How many 750 ml bottles can he fill using all three 2 litre bottles?

Write your answer in the space below.

Barney will be able to fill 8 750 ml bottles.

$$75 \times 184 = 13,800$$

34. Use the calculation above to help you to fill in the answers below.

$$150 \times \underline{92} = 13,800$$

$$74 \times \underline{184} = 13,616$$

5. Mary looks at the bus timetable.
The next bus is due at 1.15pm.

What time is this on a 24 hour clock?

13:15
not 1:15

Do not write in
this column

Stamp Collecting

1 A good way to start a stamp collection is to begin by collecting stamps which have a similar theme. For example you might want to start a sporting collection if you had an interest in football, cricket or rugby. You could also specialise in stamps which portray famous people such as musicians or historical figures. Make a list of your favourite hobbies and then decide on which stamps to collect.

2 You also need to make some other decisions. Some people collect only used stamps; some collect only new stamps in mint condition and some collect both new and used stamps. You don't just have to collect British stamps either. Stamps are published in most countries in the world so why not collect stamps from other countries too?

3 The Post Office also issues stamps to commemorate special events and people in British history. For example, there was a special issue of stamps to commemorate the winning of the World Cup in 1966 by England. Special stamps are also issued every Christmas. In recent years, some of the designs for Christmas stamps were those chosen from thousands of entries submitted by children.

4 Stamp collecting needn't be an expensive hobby. Tell all your friends and family that you're starting a collection and ask them to save all their used stamps. In no time at all, your stamp collection will start to grow.

5 As your collection gets bigger, you'll need to put them into an album to keep them safe and dry. There are hundreds of stamp clubs across the country that can give you loads of help and advice and you can also get further information about stamp collecting on the web or from your local library.

45. Which word in the first paragraph means the same as 'to concentrate on'?

specialise

46. Which word in the second paragraph means 'new and perfect' but is also the name of a herb?

mint

47. Name a special sporting event that has been commemorated in stamps by the Post Office. Write your answer in the space below.

England winning World Cup (in 1966)

48. What is a good way of improving a stamp collection without spending any money?

getting used stamps from friends
and family

49. Name three places where stamp collectors can get help or information. Write your answers in the spaces below.

stamp club

web / internet

(local) library

$$\begin{aligned} \text{All } 3 &= 2 \\ 2 &= 1 \end{aligned}$$

50. Find words in the article which are the same as the following words or phrases.

Write your answers in the spaces provided:

members of a band

musiciano

pastimes

hobbies

$$A \cup B = 2$$
$$2 = 1$$

display book

album

The children in Class 4A observed 6 different bird species visiting a feeding table positioned outside their classroom window.

They made observations from Monday to Friday and recorded their results in the following table.

The table shows the exact numbers of the different species of birds that visited the feeding table over the five day period.

	Mon	Tues	Wed	Thurs	Fri
Robin	3	4	6	5	2
Thrush	18	10	22	9	17
Chaffinch	3	13	7	14	6
Bluetit	21	7	14	23	40
Sparrow	45	40	35	24	31
Blackbird	9	8	6	4	9

Read the following questions and then write your answers in the spaces provided.

40. How many chaffinches visited the feeding table from Tuesday to Thursday? $Tu \ W \ Th$
 $13 + 7 + 14$ 34
41. How many more blackbirds visited the feeding table than robins? 36
 20 16
42. What was the total number of sparrows that visited the feeding table? 175
43. On which day did the same number of chaffinches and robins visit the feeding table? Monday
44. What was the mean (average) number of bluetits that visited the feeding table? $105 \text{ bluetits} \div 5 \text{ days}$ 21