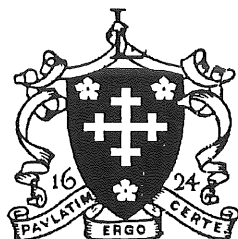


7+ MATHEMATICS



The Latymer Preparatory School

7+ MATHS EXEMPLAR PAPER 1

01

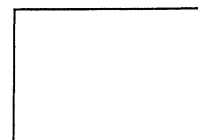
Name:.....

Your School:

Time allowed: 40 minutes

INSTRUCTIONS: To be read by the Tutor.

- Use pencil.
- There are 18 questions. Answer all of them if you can.
- Do any working that is needed in the space allowed for the question.
- If there is not enough space, use the back of one of the sheets.
- If you cannot do a question, go on to the next one and try again later.
- Do not ask the teacher to explain a question to you.
- If you finish before the end of the time, check your answers and then wait quietly in your place.
- If you do not finish or you cannot understand all the questions, do not worry. People work at different speeds.
- Be sure not to turn over two pages at once.



DO NOT WRITE IN THIS BOX

1. Write the following as numbers instead of words.

- a) Thirty-one
- b) Fourteen
- c) One hundred and fifty
- d) Two hundred and two

2. I am thinking of a number. It has a 7 in the ones column, 3 in the hundreds column and a 2 in the tens column. Write down this number.

.....

3. Write these numbers in words.

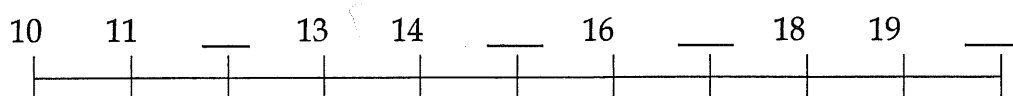
- a) 11
- b) 27
- c) 121

4. Which number is highest?

- a) 6 or 9
- b) 41 or 14
- c) 30 or 33
- d) 51 or 49

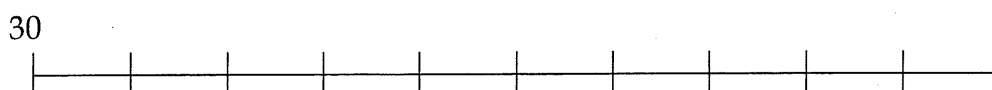
5.

a) Fill in the missing numbers on this number line.



b) Place these numbers on the number line in the correct place.

40 32 37 35 38



6. Add the following in your head.

a) $4 + 7 = \dots\dots\dots$

d) $25 + 75 = \dots\dots\dots$

b) $13 + 5 = \dots\dots\dots$

e) $8 + 6 = \dots\dots\dots$

c) $11 + 9 = \dots\dots\dots$

f) $12 + 18 = \dots\dots\dots$

7. Fill in these multiplication squares. The first one has been done for you.

X	2	3	5
5	10		
6			
7			

X	10	4	2
3			
4			
9			

8. Work out these in your head.

a) $23 - 9 = \dots\dots\dots$

d) $136 - 98 = \dots\dots\dots$

b) $17 - 11 = \dots\dots\dots$

e) $452 - 14 = \dots\dots\dots$

c) $37 - 8 = \dots\dots\dots$

f) $321 - 102 = \dots\dots\dots$

9. Circle all the even numbers below.

21

10

7

49

30

36

12

23

15

10. Complete these number sequences.

a) 21, 31, __, 51, __, 71, __.

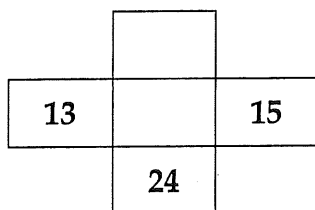
b) 13, __, 33, 43, __.

c) 5, 10, __, __, 25.

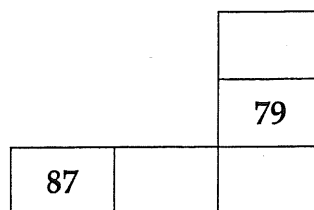
d) 80, 40, 20, 10, __.

11. Fill in the missing numbers from a 100 square.

a)



b)



12. Complete these halving and doubling sentences.

a) Half of 36 is

b) Half of 14 is

c) 20 divided by 2 is

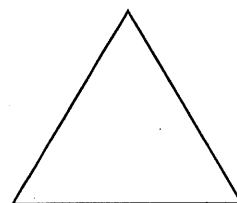
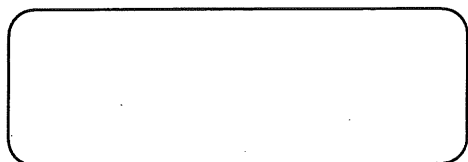
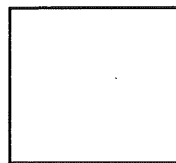
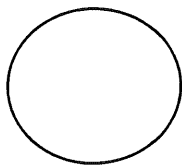
d) 18 shared between 2 is

e) Double 7 is

f) Twice 11 is

g) Double 50 is

13. Put dotted lines on the shapes so they are cut in half.



14. Put the symbols $+$, $-$, $\times$, or $\div$ so that these sentences are true.

a) $5 \square 4 = 9$

d) $16 \square 4 = 4$

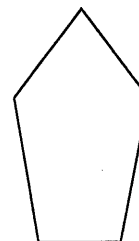
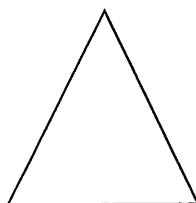
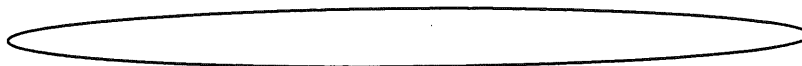
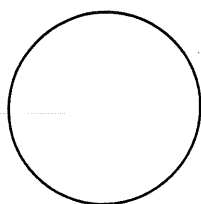
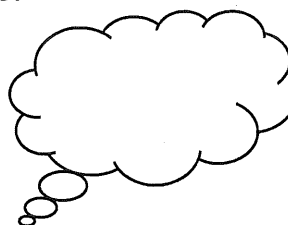
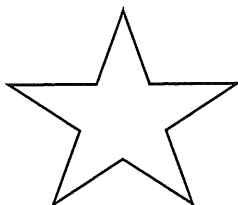
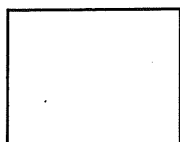
b) $3 \square 5 = 15$

e) $8 \square 5 = 3$

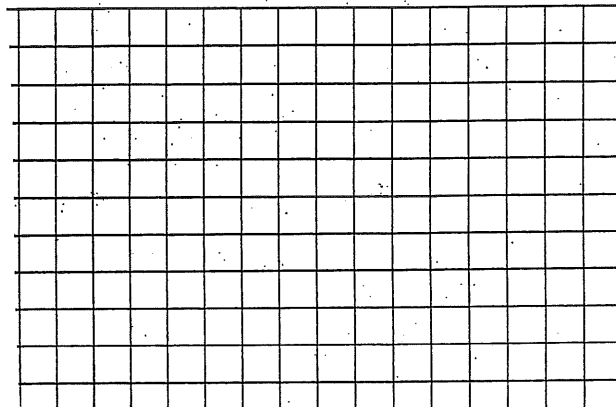
c) $21 \square 9 = 12$

f) $24 \square 3 = 8$

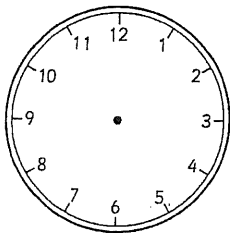
15. Put a  in the shapes with straight edges.



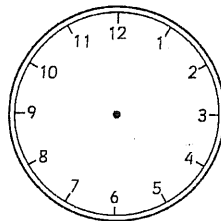
16. Use the grid below to draw a rectangle, square and a triangle.



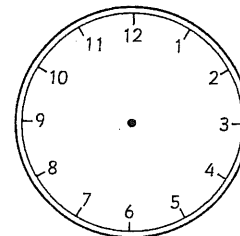
17. Draw hands on these clock faces to match the time written below each one.



Four o'clock



A quarter past seven



Half past three

18. Answer these questions.

- a) How many minutes in an hour?
- b) How many days in a week?
- c) How many hours in a day?
- d) How many months in a year?
- e) How many days in January?
- f) How many weeks in a year?