

QUESTION ONE: Multiple Choice**Write only the number and the correct letter.**

1. 26 394 Rounded off to the nearest 100 is:

a) 26 300	b) 26 000	c) 26 400	d) 26 390
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2. $7 \times 0 \div 21 =$

a) 147	b) 0	c) 21	d) 7
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3. $1\ 320 \div 30 =$

a) 44	b) 440	c) 44 rem 2	d) 404
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4. Two minutes past midnight is 24 hour time is:

a) 12:02	b) 12:20	c) 00:02	d) 00:20
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5. Choose the leap year:

a) 1914	b) 1857	c) 2013	d) 1996
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6. $10^0 =$

a) 10	b) 1	c) 0	d) 100
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7. The number that is NOT divisible by 3 is:

a) 870	b) 405	c) 343	d) 636
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8. $5 + 3 \times 2 =$

a) 16	b) 13	c) 11	d) 10
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9. Which of these numbers is a composite number?

a) 13	b) 15	c) 17	d) 19
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10. One week day begins with a letter which is two letters before H in the alphabet. What is the third letter of the day which comes four days after this day?

a) B	b) C	c) D	d) E
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$[\frac{1}{2} \times 10 = 5]$

QUESTION TWO: Number Concepts

Study the number below and answer the questions that follow:

748 563

1. What is the value of the 4 in the above number?
2. What is the difference between the values of the 8 and the 6?
3. What is the sum of all the digits?
4. Round off the above number to the nearest 5.
5. What is 10 001 more than the above number?

[5]

QUESTION THREE: Fractions, Decimals and Ratios

3.1) Write the following improper fraction as a mixed number: $\frac{28}{6}$ (1)

3.2) Arrange the follow fractions in ascending order: $\frac{7}{8}$; 0,75 ; $\frac{11}{12}$ (1)

3.3) Calculate the following:

a) $0,072 \times 100 =$ (1)

b) $76090 \div 1000 =$ (1)

c) 20% of 40 = (1)

3.4) The ratio of boys to girls in a class is 5 to 3. If there are 32 boys and girls in the class altogether then how many girls are there? (2)

[7]

QUESTION FOUR: Time

4.1) Complete the following table below. Write only the letter and the correct answer.

Time of departure	Time of arrival	Time taken
06:30	09:45	a)
20 minutes to 12 in the morning	b)	2 h 45 min
c)	20:40	4 h 50 min

(3)

4.2) Complete:

a) 40 years = _____ decades (1)

b) 1 123 years = _____ centuries _____ years (1)









c) 3 min 45 s = _____ s (1)

d) 4 yrs 10 wks = _____ wks (1)

[7]

QUESTION FIVE: Shapes, Objects and Angles

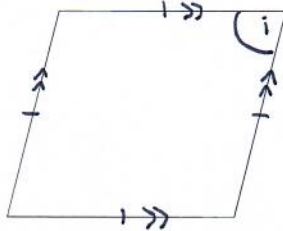
5.1) Match the letter of each 3-D object with its correct name. Write only the letter and the correct name.

					cone cube sphere cylinder square based pyramid triangular prism
					
					pentagonal prism rectangular prism

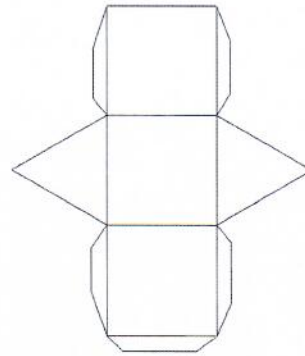
(4)

5.2) Refer to the images below and answer the questions that follow.

A



B



5.2.1) Identify the name of shape A. (1)

5.2.2) Identify the number of lines of symmetry of shape A. (1)

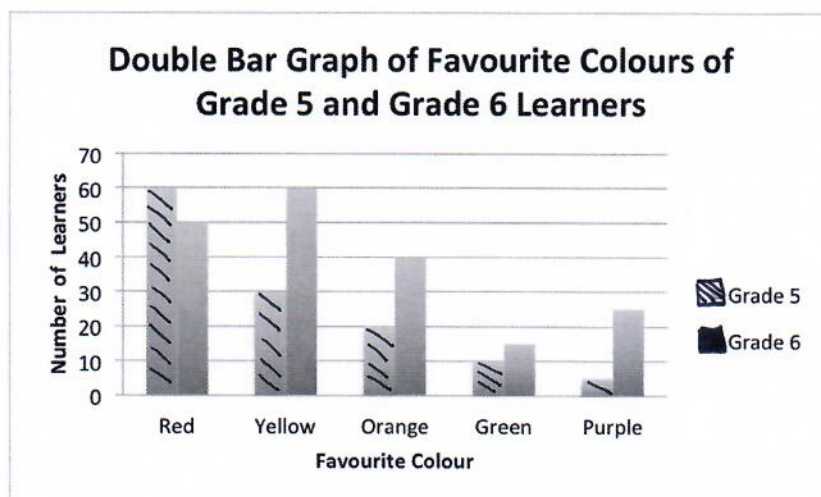
5.2.3) Identify the angle at (i) of shape A. (1)

5.2.4) Provide the name of the 3-D shape of net B. (1)

[8]

QUESTION SIX: Data Handling

Study the double bar graph below carefully before answering the questions which follow.



6.1) How many grade 6 pupils like the colour green? (1)

- 6.2) What is the difference between the grade 5 and 6 pupils who like the colour purple? (1)
- 6.3) Which colour is the most popular? (1)
- 6.4) Provide the total number of pupils represented on the graph. (1)

Mrs Pons recorded her class's mathematics test results which were out of 20 marks. Study the results and then answer the questions which follow.

16	13	12	18	16	15
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- 6.5) Calculate the median. (1)
- 6.6) Calculate the mode. (1)
- 6.7) Calculate the range. (1)
- 6.8) Calculate the mean (average). (2)
- [9]

QUESTION SEVEN: Calculations

- 7.1) $21\,489 + (17\,234 - 4\,500) = []$ (2)
- 7.2) $7512 \times 396 = []$ (4)
- 7.3) $14\,564 \div 9 = []$ (1)
- 7.4) $2\frac{3}{8} + 3\frac{5}{6} = []$ (2)
- [9]

Total: 50