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| **High School** | |
| **Yearly Examination** | |
| **2013**  **Year 10**  **Mathematics Course** | |
| **General Instructions**   * Reading time: 5 minutes * Working time: 2 hours * There will be a short break between Section 1 and Section 2 * Write using black or blue pen * You may use a pencil to draw or complete diagrams * Attempt ALL questions * Approved calculators may be used in Section 2. * Write your Name and Teacher’s Name in the spaces provided. * A formula Sheet is on the reverse of this page and can be detached and used in all sections of the test. | **Total Marks – 100**  **Section 1**  Non Calculator Section.  **25 marks**  Time allowed for this section is 30 minutes.  Write all answers in the spaces provided.  **Section 2**  Time allowed for this section is 1 hour and 30 minutes.  **Part A**  Multiple Choice Section.  Mark your answers on the separate answer sheet at the end of the examination.  **50 marks**  **Part B**  Longer Answer Section.  Write all answers in the spaces provided.  **25 marks** |

Formula Sheet

**Pythagoras’ Theorem**



*c* = hypotenuse

*a* and *b* are the shorter sides

**Circumference of a circle**



*d* = diameter

**Area of a circle**



*r* = radius

**Area of a parallelogram**



*b* = base

*h* = perpendicular height

**Area of a rhombus or kite**



*x* and *y* are the diagonals

**Area of a trapezium**



*h* = perpendicular height

*a* and *b* are the parallel sides

**Volume of a prism**



*A* = area of base

*h* = perpendicular height

**Volume of a pyramid**



*A* = area of base

*h* = perpendicular height

**Volume of a cylinder**



*r* = radius

*h* = perpendicular height

**Volume of a cone**



**Volume of a sphere**



**Surface Area of a Cylinder**



**Surface Area of Cone**



*r* = radius

*l* = slant height

**Surface Area of a sphere**



**Trigonometric formulae for a triangle ABC.**

**Sine Rule**



**Cosine Rule**



or



**Area of a triangle**



**Simple interest**



*P* = Principal

*R* = interest rate per time period as a decimal

*T* = number of time periods

**Compound Interest**



*A =* Final amount to which the investment grows

*P* = Principal

*r* = interest rate per compounding period as a decimal

*n* = number of compounding periods

**Depreciation**



*SV =* Salvage Value to which the initial value falls

*IV* = Initial Value

*r* = depreciation rate per compounding period as a decimal

*n* = number of compounding periods

**Gradient of a line**



 and  are points on the line

*m* = gradient

**Midpoint of a line segment**



**Length of a line segment**



**Equation of a line**



or



*b* = *y* intercept

Yearly Examination

**Mathematics**

Class/Teacher \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Section 1**

**25 marks**

Time allowed for this section is 30 minutes

Answer Questions 1–25 in the spaces provided.

Calculators are **NOT** to be used in this section.

There will be a short break between Section 1 and Section 2.

|  |  |
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| **Section 1** Non Calculator Section | |
|  | Write all working and answers in the spaces provided on this test paper. |
| 1. | …………………………………………………………………………………………………………….  ……………………………………………………………………………………………………………. |
| 2. | …………………………………………………………………………………………………………….  ……………………………………………………………………………………………………………. |
| 3. | …………………………………………………………………………………………………………….  ……………………………………………………………………………………………………………. |
| 4. | Marcus is offered a 20% discount on a game marked at $25.  What would he pay for the game after the discount?  …………………………………………………………………………………………………………….  ……………………………………………………………………………………………………………. |
| 5. | The ratio of first class passengers to economy class passengers on a train is 3 : 17.  There are 60 first class passengers on the train.  How many passengers are on the train altogether?  …………………………………………………………………………………………………………….  …………………………………………………………………………………………………………….  ……………………………………………………………………………………………………………. |
| 6. | The diagram shows two pairs of parallel railway tracks at the place where they intersect. Two angles are marked.  What is the value of w?  ……………………………………  ……………………………………. |
| 7. | A triangular wooden brace supports a shelf as shown.  The angle between the shelf and the brace is 149o and the angle between the brace and the wall is *x*o.  What is the value of *x*?  …………………………………………  ………………………………………….  ………………………………………… |
| 8. | What is the size of the interior angle markedin the regular pentagon shown?  ………………………………………………….  ………………………………………………….  ………………………………………………… |
| 9. | Draw the image of the quadrilateral *ABCD*, after it is reflected in the line |
| 10. | A tangram puzzle is made up of seven pieces which make a large square with sides 10 cm.  The points *A* and *B* are the midpoints of the respective sides of the large square and *C* is the midpoint of *AB*.  What is the area of the smaller shaded square?  …………………………………………………………………………………………………………….  …………………………………………………………………………………………………………….  ……………………………………………………………………………………………………………. |
| 11. | How many minutes are in  …………………………………………………………………………………………………………….  ……………………………………………………………………………………………………………. |
| 12. | The area of the rectangle *ABCD* is 15 cm2.  *BC* = 2.5 cm.    What is the perimeter of the rectangle *ABCD*?  …………………………………………………  ..……………………………………………….  ………………………………………………… |
| 13. | Calculate the area of the trapezium shown.  ……………………………………………………  …………………………………………………….  ……………………………………………………  ……………………………………………………. |
| 14. | *PQR* is a right triangle.  Between which two integers does the value of *x* lie?  ……………………………………………………  ……………………………………………………  …………………………………………………… |
| 15. | The net of a prism is shown on centimetre grid.    What is the volume of the prism?  ……………………………………………………………………………………………………  …………………………………………………………………………………………………… |
| 16. | Simplify  …………………………………………………………………………………………………………….  ……………………………………………………………………………………………………………. |
| 17. | Expand and simplify  …………………………………………………………………………………………………………….  ……………………………………………………………………………………………………………. |
| 18. | Simplify  …………………………………………………………………………………………………………….  …………………………………………………………………………………………………………….  ……………………………………………………………………………………………………………. |
| 19. | Three vertices *A*, *B* and *C* of a parallelogram are shown.  What are the coordinates of the fourth vertex, D?  ……………………………………… |
| 20. | Which of the five numbers below could replace *x* to make the statement  true.    …………………………………………………………………………………………………………….  …………………………………………………………………………………………………………….  ……………………………………………………………………………………………………………. |
| 21. | Jason has a bag containing 16 marbles which are red, blue or white.  There are 6 blue marbles and the probability of selecting a red marble is  What is the probability of selecting a white marble?  …………………………………………………………………………………………………………….  …………………………………………………………………………………………………………….  ……………………………………………………………………………………………………………. |
| 22. | When building his house Rob divided his budget into administrative, labour and materials costs. The labour costs were 45% of the total budget. Rob has started to draw a divided bar chart of the budget.  Complete the chart.  …………………………………………………………………………………………………………….  ……………………………………………………………………………………………………………. |
| 23. | The step graph shows car parking costs in the Safeguard Carpark.    On Monday Anna parked in the Safeguard Carpark at 9:15 am and left at 4:25 pm.  What was she charged for parking?  …………………………………………………………………………………………………………….  ……………………………………………………………………………………………………………. |
| 24. | John appeared on a talent quest, where he was awarded the following scores out of 10 by six judges.     |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Judge | Kylie | Jackie | Adam | Jo | Max | Nat | | Score | 6 | 4 | 8 | 5 | 7 | 5 |     Which of the mean, median or mode of the scores would be the highest, to use in his advertising?    …………………………………………………………………………………………………………….  …………………………………………………………………………………………………………….  ……………………………………………………………………………………………………………. |
| 25. | The dot plot below shows the number of children in 16 families.       |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  |  |  | O |  |  |  | |  |  | O | O | O |  | O | |  |  | O | O | O | O | O | |  | O | O | O | O | O | O | |  | 0 | 1 | 2 | 3 | 4 | 5 |       Number of Children  What is the interquartile range of the data?  …………………………………………………………………………………………………………….  ……………………………………………………………………………………………………………. |
|  | **End of Section 1**  **Do not continue to Section 2 until instructed.** |

END OF SECTION 1

Yearly Examination

**Mathematics**

**Section 2**

**75 marks**

Time allowed for this section is

1 hour and 30 minutes

This section has TWO parts

Part A – Fifty multiple-choice questions worth 1 mark each.

Mark your answers on the separate answer sheet provided at the end of the examination.

Part B – Longer answer questions worth a total of 25 marks.

Write all answers and working in the spaces provided on this examination paper.

Calculators may be used in this section.

Do not commence Section 2 until you are instructed to do so.

|  |  |
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|  | Use the multiple choice answer sheet at the end of the paper to record your answers.  Completely shade the bubble corresponding to the correct answer for each question. |
|  | Which of the following is greatest in value?  A.  B.  C. 0.37 D. |
|  | Candy has 600 songs stored on her MP3 player. The songs are by male artists, female artists and groups, in the ratio 2 : 3 : 5.  How many songs by groups does she have?  A. 60 B. 120 C. 300 D. 600 |
|  | Jo earns an annual salary of $78 000. She pays 30% of her salary as tax and receives the rest as her net pay.  What is her weekly net pay?  A. $450 B. $1 050 C. $1 470 D. $1 500 |
|  | Di bought a bike which had a cash price of $3 600.00. She bought it on terms by paying $136 per month for three years.  How much interest did Di pay?  A. $1 296 B. $1 632 C. $3 600 D. $4 896 |
|  | What is the value of *x*?  A.  B.  C.  D. |
|  | The polygon *ABCDE* is moved to the image *A’B’C’D’E’*    Which transformation was used to do this?  A. A reflection.  B. A rotation through 90o.  C. A rotation through 180o.  D. A translation. |
|  | Which of the following is an accurate description of  A. An acute isosceles triangle.  B. An acute scalene triangle.  C. An obtuse isosceles triangle.  D. An obtuse scalene triangle. |
|  | *ABCD* is a rhombus whose diagonals intersect at *X*.  What is the size of  A. 15o  B. 30o  C. 75o  D. 150o |
|  | Triangle A has been enlarged to give Triangle B.    What is the scale factor?  A.  B.  C.  D. |
|  | Which statement is true?    A. Triangle *I* is congruent to triangle *II*.  B. Triangle *III* is congruent to triangle *IV*.    C. Triangle *I* is congruent to triangle *IV* and triangle *II* is congruent to triangle *III*.  D. Triangle *I* is congruent to triangle *III* and triangle *II* is congruent to triangle *IV*. |
|  | What is the area of the shape shown (to 1 d.p.)?  A. 8.7 m2 B. 10.1 m2 C. 13.0 m2 D. 14.4 m2 |
|  | The tank shown is a square prism. The square base has 3 m sides. The volume of the tank is 21.6 m2.  What is the height of the tank?  A. 2.4 m B. 3.6 m C. 7.2 m D. 12.6 m |
|  | Find the area of the triangle *PQR.*  A. 210 m2 B. 290 m2 C. 304.5 m2 D. 420 m2 |
|  | *CDE* is a right triangle. What is the value of *d* ?      A. *d* = 7.8 B. *d* = 8.5 C. *d* = 24.2 D. *d* = 82.2 |
|  | What is the volume of this rectangular pyramid ?    A. 320 m3 B. 800 m3 C. 1 600 m3 D. 4 800 m3 |
|  | Which of the following is **not** equivalent to  A.  B.  C.  D. |
|  | Which line has a gradient of  A. B.  C. D. |
|  | A.  B.  C.  D. |
|  | Which of the following equations is equivalent to  ?  A.  B.  C.  D. |
|  | Which of the following graphs could represent  ?    A. B.    C. D. |
|  | A breakfast cereal places prizes in its packets. In every thousand packets, there are fifty which contain a free video game and one hundred and fifty which contain a free movie ticket.  What is the probability of winning a prize when you buy a packet of this cereal?  A.  B.  C.  D. |
|  | Yasmin is interested in what the favourite band is among the students at her school.  She produces a survey sheet which she hands out to every tenth male and female in each year.  This is an example of using:  A. a census to collect categorical data.  B. a census to collect numerical data.  C. a sample to collect categorical data.  D. a sample to collect numerical data. |
|  | The sector graph shows the amount of money spent on advertising via different media by a company.  Which of the pairs of media listed below, together had the same amount of spending as the internet?  A. Newspapers and Magazines.  B. Magazines and Television.  C. Newspapers and Television.  D. Radio and Television. |
|  | The histogram shows the results of a short ten question trivia quiz in which 50 people took part.  What was the mean score on the quiz (to 1 d.p.)?  A. 5.2  B. 5.5  C. 5.8  D. 6.0 |
|  | Ed recorded the time (in minutes) it took him to cook 10 meals.  The results were: 3, 4, 5, 5, 6, 6, 6, 7, 8, 9  Which of these statements is incorrect?  A. The range is 6.  B. The upper quartile is 8.  C. The lower quartile is 5.  D. The interquartile range is 2. |
|  | Kerry’s normal rate of pay is $28 per hour for an eight hour shift and overtime at time and a half after that.  What would she be paid for a shift that lasts for 12 hours?  A. $336 B. $392 C. $448 D. $504 |
|  | Lynne and Daniel buy a TV cabinet, which has a cash price of $1 500, on a time payment plan. They pay $75 deposit and they then make 15 monthly payments of $140.  How much extra do they pay compared to the cash price?  A. $675 B. $1575 C. $1935 D. $2 175 |
|  | Pete invests $25 000 into a term deposit which pays 12% pa interest compounding quarterly.  How much interest does he earn in 18 months (to the nearest dollar)?  A. $1 133 B. $4 632 C. $4 851 D. $29 851 |
|  | Heath bought a new car for $45 000 in December 2009. He wants to sell it in December 2013.  If it depreciates at 7.5 % pa, how much could he expect to sell it for (to the nearest dollar)?  A. $12 056 B. $13 500 C. $31 500 D. $32 944 |
|  | Sally earns an annual income of $61 450 and has allowable deductions of $500.  The tax table below shows the tax payable.     |  |  | | --- | --- | | **Taxable income** | **Tax on this income** | | 0-$18,200 | Nil | | $18,201-$37,000 | 19c for each $1 over $18,200 | | $37,001-$80,000 | $3,572 plus 32.5c for each $1 over $37,000 | | $80,001-$180,000 | $17,547 plus 37c for each $1 over $80,000 | | $180,001 and over | $54,547 plus 45c for each $1 over $180,000 |   How much tax should Sally pay for the year (to the nearest dollar)?  A. $3 572 B. $ 7 784 C. $10 258 D. $11 356 |
|  | Angle A is acute and angle B is obtuse. Angle C is the sum of angle A and angle B.  Which type of angle is not possible for angle C?  A. Obtuse angle.  B. Reflex angle.  C. Revolution.  D. Straight angle. |
|  | *GH = HI = IJ* and *GJ* is a straight line segment.  What is the size of  A.  B.  C.  D. |
|  | Which triangles are congruent to one another?  A. Triangle X and Triangle Z. B. Triangle Y and Triangle X.  C. Triangle Y and Triangle Z. D. All of the Triangles. |
|  | Which two triangles are similar to one another?  A.  and  B.  and  C.  and  D.  and |
|  | A. 12 cm. B. 18 cm. C. 24 cm. D. 54 cm. |
|  | What is the volume of this solid (to 1d.p.)?    A. 2.0 m3 B. 4.5 m3 C. 6.1 m3 D. 8.1 m3 |
|  | Calculate the surface area of the solid shown.  A. 520 cm2  B. 580 cm2  C. 920 cm2  D. 1 040 cm2 |
|  | A solid, spherical, metal ball has a diameter of 12 cm.  What volume of metal was used to make the ball?    A. 50.3 cm3 B. 150.8 cm3 C. 904.8 cm3 D. 7 238.2 cm3 |
|  | What is the value of  in the triangle shown  (to the nearest degree)?  A. 35  B. 44  C. 46  D. 55 |
|  | At a time when the angle of elevation of the sun is 28o, a tree casts a shadow on level ground, which is 16 m long.  How tall is the tree?  A. 7.5 m  B. 8.5 m  C. 14.1 m  D. 39.6 m |
|  | Which of the following is a factor of    A.  B.  C.  D. |
|  | What is the equation of the line which passes through the points  A.  B.  C.  D. |
|  | What is the equation of the curve shown?  A.  B.  C.  D. |
|  | A.  B.  C.  D. 5 |
|  | What is the solution to  ?  A.  B.  C.  D. |
|  | The list below gives the possible outcomes when three coins are tossed.  HHH, HHT, HTH, HTT, THT, THH, TTH, TTT  T = a tail H = a head.  What is the probability of obtaining at least two tails?  A.  B.  C.  D. |
|  | An eight sided die has three red faces, two green faces, two yellow faces and one blue face.  When the die is rolled, what is the probability that it does **not** land on red.  A.  B.  C.  D. |
|  | **Questions 73 and 74 refer to the following.**  James is a footy coach and he drew up the frequency table below to analyse the points scored by the players in his team.     |  |  |  |  | | --- | --- | --- | --- | | Points Scored | Class Centre  *x* | Number of Players  (Frequency *)* |  | | 1 – 6 | 3.5 | 2 | 7 | | 7 – 12 | 9.5 | 4 | 38 | | 13 – 18 | 15.5 | 6 | 93 | | 19 – 24 | 21.5 | 4 | 86 | |  |  |  |  | |
|  | What would be a good estimate for the mean points scored by the players?  A. 12 B. 14 C. 16 D. 18 |
|  | Which of the following could be found exactly from the table ?  A. The median points scored by the players.  B. The mode of the points scored by the players.  C. The number of players that were included in the analysis.  D. The range of the points scored by the players. |
|  | Denise and Alistair both have casual jobs. They compare the number of hours they worked each week for 15 weeks.     |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Denise | | | | | Stem | Alistair | | | | | |  |  |  | 4 | 2 | 0 | 9 |  |  |  |  | |  |  | 4 | 3 | 0 | 1 | 5 | 8 |  |  |  | | 8 | 5 | 3 | 1 | 1 | 2 | 2 | 3 | 4 | 5 |  | |  |  | 5 | 3 | 2 | 3 | 3 | 5 | 5 | 5 | 8 | |  |  |  | 5 | 1 | 4 | 1 | 3 | 4 |  |  |   What were the interquatile ranges of their hours?  A. 20 and 16 respectively.  B. 21 and 35 respectively.  C. 23 and 33 respectively.  D. 35 and 43 respectively. |
|  | **End of Section 2 Part A**  **Continue on to Part B** |

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| **Section 2**  **Part B**  Longer Answer Section | | Name : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Class/Teacher\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  | Show all necessary working to demonstrate how you obtained your answer.  Write all working and answers in the spaces provided on this examination paper.  Calculators are allowed for this section. | |

|  | | **Marks** |
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| 76. | Micah buys a car which has a cash price of $25 000. She pays a 20% deposit. She is charged 6% pa simple interest on the balance, which she pays off in equal monthly instalments over 3 years. |  |
|  | 1. How much is the balance that she must repay after the deposit?     ………………………………………………………………………………………….  …………………………………………………………………………………………. | **1** |
|  | 1. How much is each monthly instalment?   ………………………………………………………………………………………….  ………………………………………………………………………………………….    …………………………………………………………………………………………. | **2** |
| 77. | Solve the equation , showing your reasoning.  ………………………………………………………………………………………….  ………………………………………………………………………………………….    …………………………………………………………………………………………. | **2** |
| 78. | Jaiden makes a box which is open at the top, out of plywood in the shape shown. |  |
|  | 1. What area of plywood is used in the construction of the box, if none is wasted?   ………………………………………………………………………………………….  …………………………………………………………………………………………. | **1** |
|  | 1. Jaiden also wants to make an insert which will sit inside the box.     It is to be a pyramid which has a base the same shape as the opening in the box, and with the same height as the box.  What volume would this pyramid contain?  ………………………………………………………………………………………….  …………………………………………………………………………………………. | **1** |

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| 79. | Michael rows his kayak from A, a distance of 3.6 km on a bearing 125o to B.  His support boat heads due south from A and reaches *C* which is due west of *B*. |  |
|  | (a) Show that the distance from B to C is 2.9 km (to the nearest 100 m).  ………………………………………………………………………………………….  ………………………………………………………………………………………….  …………………………………………………………………………………………. | **1** |
|  | (b) Michael then rows a distance of 3.2 km from *B* to meet his support boat which has continued due south to *D*.  On what bearing does he row from *B* to *D*?  ………………………………………………………………………………………….  …………………………………………………………………………………………  ………………………………………………………………………………………….  …………………………………………………………………………………………. | **2** |
| 80. | Kasey and Claire do a survey of the main interests of the students in their maths class.  The results are shown in the table below.   |  |  | | --- | --- | | Interest | Number of students | | Music | 5 | | Sport | 6 | | Movies | 4 | | Games | 3 | | Dance | 4 | | Pets | 3 |   A student from the class was chosen at random. |  |
|  | (a) What is the probability that their interest was music ?  …………………………………………………………………………………………. |  |
|  | (b) What is the probability that their interest was not dance ?  …………………………………………………………………………………………. |  |
|  | (c) What is the probability that their interest was either sport or movies ?  …………………………………………………………………………………………. |  |
| 81. | The back to back dot plot was used to compare the number of accidents per week at two intersections along Main Road.   |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Darke Street | | | | | Number of  accidents per week | Keene Avenue | | | | | |  |  |  |  | ● | 0 | ● | ● |  |  |  | |  |  |  | ● | ● | 1 | ● | ● | ● |  |  | |  |  | ● | ● | ● | 2 | ● | ● | ● | ● | ● | |  | ● | ● | ● | ● | 3 | ● | ● |  |  |  | |  |  | ● | ● | ● | 4 | ● |  |  |  |  | |  |
|  | (a) Which intersection had the greater median number of accidents and what was it?  ………………………………………………………………………………………….  …………………………………………………………………………………………. | **1** |
|  | (b) Which intersection had the greater interquartile range and what was it?  ………………………………………………………………………………………….  ………………………………………………………………………………………….  ………………………………………………………………………………………….  …………………………………………………………………………………………. | **2** |
| 82. | (a) Find the midpoint *M* of the interval joining *A* (-4, 7) and *B* (2, -4).  ………………………………………………………………………………………….  …………………………………………………………………………………………. | **1** |
|  | (b) Show that the line  bisects the interval *AB*.  ………………………………………………………………………………………….  ………………………………………………………………………………………….  …………………………………………………………………………………………. | **1** |
| 83. |  |  |
|  | (a) What single additional piece of information would need to be provided on the diagram to allow you to write a proof that the triangles are congruent?  Explain which congruence test could then be used?    ………………………………………………………………………………………….  …………………………………………………………………………………………. | **1** |
|  | (b) What type of transformation could be used to reposition  ………………………………………………………………………………………….  …………………………………………………………………………………………. | **1** |
| 84. | In the diagram  and |  |
|  | (a) Prove that  is similar to  ………………………………………………………………………………………….  …………………………………………………………………………………………. | **2** |
|  | (b) Calculate the length of *NO*.  ………………………………………………………………………………………….  ………………………………………………………………………………………….  …………………………………………………………………………………………. | **1** |
| 85. | Colin wants to build a rectangular yard with an area of 20 m2 for his chickens.  He draws the graph below to help him work out the possible dimensions.  The length (L) and width (W) of the yard are on the two axes and the graph shows the possible combinations which give an area of 20 m2. |  |
|  | (a) If the yard were to have a length of 6 m, what is its approximate width?  …………………………………………………………………………………………. | **1** |
|  | (b) Describe in words what happens to *W* as *L* increases on the graph.  ………………………………………………………………………………………….  …………………………………………………………………………………………. | **1** |
|  | **End of Examination** |  |

High School

Yearly Exam

Mathematics Course

Multiple Choice Section Answer Sheet

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Teacher \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Completely fill the response oval representing the most correct answer.

26. A B C D

27. A B C D

28. A B C D

29. A B C D

30. A B C D

31. A B C D

32. A B C D

33. A B C D

34. A B C D

35. A B C D

36. A B C D

37. A B C D

38. A B C D

39. A B C D

40. A B C D

41. A B C D

42. A B C D

43. A B C D

44. A B C D

45. A B C D

46. A B C D

47. A B C D

48. A B C D

49. A B C D

50. A B C D

51. A B C D

52. A B C D

53. A B C D

54. A B C D

55. A B C D

56. A B C D

57. A B C D

58. A B C D

59. A B C D

60. A B C D

61. A B C D

62. A B C D

63. A B C D

64. A B C D

65. A B C D

66. A B C D

67. A B C D

68. A B C D

69. A B C D

70. A B C D

71. A B C D

72. A B C D

73. A B C D

74. A B C D

75. A B C D