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| Y6.1) The exterior angle of a polygon is 45o, what is the value of the internal angle? |
| Y6.2) A bus leaves Nausori at 1.00pm and reaches Lautoka at 5.00pm on the same day. It covers a distance of 236 km. Calculate the average speed of the bus in km/h |
| Y6.3) There are 15 people at a party. If each person shakes hands once only. How many handshakes will there be? |
| Y6.4) The ratio of males to females in a reading club is 5:8. The number of males are 35. How many members are there in the club? |

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| Y6.5) During a 4-day festival, the number of visitors tripled each day. If the festival opened on a Wednesday with 355 visitors, what was the attendance on the closing day? |
| Y6.6) Raj trains 5 days in a week for a marathon. He recorded his daily run in a table.   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Day | Monday | Tuesday | Wednesday | Thursday | Friday | | Run(m) | 15248.67 | 1468.94 | 14987.62 | 1579.55 | 1649.87 |   What is the average run in meters for the week? |
| Y6.7) Express 350meters as percentage of 2.5kilometers. |
| Y6.8) A sequence of numbers follows the rule (3*n*-9) x 5, where *n* represents the number in the sequence. Calculate the 129th number in the sequence. |

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| Y6.9) Calculate the circumference of the circle with radius 14cm. (Use  |
| Y6.10) What is the prime factorization of 156? |
| Y6.11) Evaluate Give the answer in mixed fraction with lowest possible denominator. |
| Y6.12) Evaluate *a+(b+c)a.*  If *a* = 5.5, *b* = 7 and *c* = 9 |

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| Y6.13) Meli wants to watch session 6 of Incredible 3 at Life Cinema Lautoka. The duration of the movie is 2 hours 23 minutes, with a 10 minute break in between sessions. If first session starts at 9.00am, at what time will session 6 start? (Give your answer in 12 hour clock format.) |
| Y6.14) A shop launched a Saturday discount for its first three customers. For every $50 worth of supplies the customer receives a $5 discount. Customer 1 bought $1689 worth of supplies. Customer 2 bought $868 worth of supplies. Customer 3 bought $1947 worth of supplies. What was the total discounts given to the 3 customers? |
| Y6.15) Calculate the area of the sector that is shaded. (Use  |
| Y6.16) of a pizza is shared equally between 15 friends. What fraction of the pizza will each friend get? Give answer with lowest possible denominator. |

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| Y6.17) A ball and a bat cost $85 in total. Four balls and two bats cost $220 in total. How much does a ball cost? |
| Y6.18) How many 600ml bottles can be filled from a water tank of dimension 10m x 5m x 1.44m?  10m  5m  1.44m |
| Y6.19) The total possible outcome of rolling two 6 sided dice is 36. When the dice is rolled what is the probability that the sum of the numbers will be greater than 8? Give your answer in the lowest possible fraction. |
| Y6.20) At the beginning of the year 2017, Arun had $12,930 in his bank account. As a senior citizen he does not have any fee and charges deductions from his account. He gets an interest of 3% per annum. How much money was in his account at the end of the year 2017 if he did not make any deposits and withdrawals throughout the year? |