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| Y5.1) What is the missing number in the sequence? 1,6,4,9,7,12,10,\_\_\_\_\_,13, 18,….. |
| Y5.2) Ramesh took a life insurance policy on a 20 year term. He makes monthly payments of $94.80 to the insurance company. How much will Ramesh pay to the insurance company in his 20 year term? |
| Y5.3) A prisioner escaped from prision. He stole a car from outside of the prison and drove 6km to the main highway junction. At the junction he took a left turn and drove for 32.84km before he came across a police check point. He did not stop at the check point so the police chased him and caught him after 23.09km. How far did the prisoner drive the car before getting caught? (Give the answer in meters) |
| Y5.4) Samu set for 7 examinations last year. Each examination was out of 500. What is the average of his marks?   |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | Exam | Mid Term 1 | Term 1 | Mid Term 2 | Term 2 | Mid Term 3 | Trial | Standard | | Mark | 451 | 429 | 397 | 414 | 437 | 448 | 476 | |

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| Y5.5) Evaluate: 1 (Give the answer in mixed fraction with the lowest fraction) |
| Y5.6) What is the value of the angle marked θ? (Diagram not to scale)  75o  27o  θ  59o |
| Y5.7) What is the prime factorial of 126? |
| Y5.8) Set A = .    What is the cardinal number for Set A? |

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| Y5.9) Malik and Ravin took part in a 10km marathon. Both of them ran at the same speed for the first 2km. After that Ravin lagged behind 7meters for every 400meters. What was the distance covered by Ravin when Malik crossed the finish line? (Give the answer in kilometres) |
| Y5.10) Ramu went to the supermarket to buy diapers. He had 2 options as illustrated below.   |  |  |  | | --- | --- | --- | | Brand 1 28 diapers for $9.45 | Brand 2 252 diapers for $102.95 | Ramu is not smart in mathematics and decided to buy Brand 2 diaper. How much would Ramu have saved if he had bought 252 diapers of Brand 1? | |
| Y5.11) Mike woke up at 6.18am. He took 26 minutes to brush and shower, 13 minutes to dress up, 24 minutes to have breakfast. He then takes a 10 minute walk to school. At what time did Mike reach his school? |
| Y5.12) Mary has been saving money so that she could by a gift for her baby brother at Christmas. She breaks her piggy bank and arranges the money according to their denomination as stated in the table.  How much did Mary save?   |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | Note | | | | | Coin | | | | | | | $100 | $50 | $20 | $10 | $5 | $2 | $1 | 50c | 20 c | 10 c | 5c | | Number of Notes / coins | 0 | 1 | 3 | 3 | 5 | 26 | 47 | 31 | 46 | 63 | 45 | |

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| Y5.13) To fund raise for a club activity, James decided to sell juice. He prepared 35 liters of juice and sold it in 250ml glass during a soccer match. James sold all the juice at the end of the day. How many glasses of juice did James sell? |
| Y5.14) A bag contains 9 red, 7 orange, 4 blue and 8 white marbles. What is the probability of not picking a blue marble? (Give answer in lowest fraction) |
| Y5.15) Shalvin bought a piece of land of 5104m2. He kept of the land for himself, used of the remaining land in developing drains and roads. After developing he equally divided the remaining land into 8 plots and sold it for a profit. What was the size of each plot? |
| Y5.16) pizza is to be shared equally between 16 people. How much does each person get?  (Give answer in lowest fraction) |

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| Y5.17) Ravi is Arun’s older brothers. Their ages are factors of 72 and the sum of their ages is 18. How old is Ravi? |
| Y5.18) Meli is a frequent flyer. During the month of June he made return trips to 6 destination as stated in the table. All flights were direct flights and the airline took the same return paths from each destination. What is the total distance Meli had flown during the month of June?   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **Destination** | Singapore | Hamilton | Sydney | India | China | | **Distance from Fiji** | 8383 km | 2247 km | 3215 km | 11597 km | 9770 km | |
| Y5.19) Ana opened up a new restaurant in Lautoka City. On the first day she only had 2 customers. The number of customers doubled every day. On the 10th day the restaurant was at full capacity. On which day was the restaurant at ¼ capacity? |
| Y5.20) Sheemal is a movie fanatic. The amount she spent last week watching movies is shown in the table below. What is the average time she spends watching movies.   |  |  |  | | --- | --- | --- | | **Day** | **Duration** | (Give answer in hours and minutes) | | Monday | 3 ¾ hours | | Tuesday | 4 hours 5 minutes | | Wednesday | 3 hours | | Thursday | 150 minutes | | Friday | 4 and ½ hours | | Saturday | 5 hours | | Sunday | 5 hours 18minutes | |