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| Y6.1) Eveluate: 4218 x 73 |
| Y6.2) What is the sum of all the composite numbers from 1 to 17 ? |
| Y6.3) A sequence follows the rule. Where is the number in the sequence? What is the 215th number in the sequence |
| Y6.4) Evaluate: 23(12+3) – 16 ÷ 2 + 5 x 45 |

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| Y6.5) Parmesh planted 7 trees at equal distance. The distance from the first tree to the last is 63 meters. What is the distance from the first tree to the third tree? |
| Y6.6) Susan bought kg of potatoes, kg of onion and kg of lamb chops. What is the total mass of the items bought by Susan? (Give answer in decimal) |
| Y6.7) During a mountain hike, Rajesh got lost in the forest. While searching for a way out, he came to a 45.6m wide river and saw a house on the other side. The water current was strong but he was determined to cross the river so that he can ask for help from the house owner. As he made his way across the river, the strong water current also carried him downward. For every meter that he swamped across, he was carried downwards 0.7 meters. Rajesh managed to cross the river. How far was he carried down the river? |
| |  |  | | --- | --- | | **Activity** | **Time** | | Driving | 2 hours 13 minutes | | Lunch | 27 minutes | | Spent time at Kula Adventure Park | 1 hours 46 minutes | | Drove to Denarau | 1hour 12 minutes | | Spent time at Denarau marina | 52 minutes | | Drove to Lautoka | 41 minutes |   Y6.8) A family left Suva at 10:53am for Lautoka. The table shows the breakdown of their activities on the way. At what time did they reach Lautoka? (Give answer in 12 hour clock format) |

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| Y6.9) The **North American X-15** was the fastest fighter jet. During a training flight it covered a distance of 1282 km in 12 minutes. What was the average speed of the jet in km/h? |
| Y6.10) The 2018 FIFA World Cup took place in [Russia](https://en.wikipedia.org/wiki/Russia) from 14 June to 15 July 2018. There were 32 teams with a total of 64 matches at 12 different venues. The average attendance per match was 47371. What was the total attendance for 2018 FIFA World Cup? |
| Y6.11) Nazeem bought the items as listed in the table. He gave the cashier $100 note. How much change should he receive? (Note the smallest denomination in Fiji is 5 cents)   |  |  | | --- | --- | | Item | Price | | Rice | $16.23 | | 1.6 kg Lamb | $17.95/kg | | 3 can Tuna | $1.96/can | | 4 bar soap | $0.93 each | | 2 x 2liter Ice cream | $5.94 each | |
| Y6.12) What is the perimeter of the given shape? (Diagram not to scale)    2.26m  1.67m  3.54m |

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| Y6.13) How much water can be filled in the cuboid illustrated? (Give answer in Liters)  20.3cm  28cm  50cm |
| Y6.14) Two identical coins are tossed. What is the probability of getting one head and one tail? |
| Y6.15) During a scouts camp students were divided into 3 groups. For their first test, each team was required to draw water from a well and fill a drum of 220 litres within 10 minutes. At the end of 10 minutes, group 1 filled of their drum, group 2 filled of their drum and group 3 filled of their drum. How much water is in the 3 drums? (Give answer in litres) |
| Y6.16) A number *x* divided by 10 is 3.7 and a number *y* divide by 20 is 2. What is *xy* ? |

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| Y6.17) In 2013, there were 160,000 penguins population at Cape Denison. Since then the population has been reducing by one tenth per year. How many penguins remained at the end of year 2017? |
| Y6.18) The given pie chart is for the number of large cats at Auckland Zoo. There are 18 cheetahs. How many tigers are in the zoo?    45o  75o |
| Y6.19) Jack’s mother baked a pie. She cut of the pie and gave it to their neighbour. When Jack reached home after school he ate of the left over pie. What fraction of the original pie was left after Jack finished eating? (Give answer in lowest possible fraction) |
| Y6.20) A cattle farmer decided to fence his rectangular farm with 6 rows of barbed wire. He plans to have a wooden gate 4.5 m wide. The barbed wire costs $2.63 a meter. How much money would he spend? |