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| Y7.1) Evaluate: 167 + 375 x 485 – 165 – 2 |
| Y7.2) What is 48% as a fraction? (Give answer in lowest fraction) |
| Y7.3) 15% of *n* = 18 and 20% of *m* = 70. What is *n* - *m* ? |
| Y7.4) U = {whole numbers from 10 to 25}, Set A = {Prime Numbers}, Set B = {10,20,25}. What is the sum of elements of A’ ?  U  B  A |

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| Y7.5) There are 300 girls and 450 boys at Lautoka High School. One third of the girls like eating chicken fried rice and two third of the boys like eating chicken fried rice. How many students at Lautoka High School like to eat chicken fried rice? |
| Y7.6) The Angel of the North is a large statue in England. It is 20 metres tall and 54 metres wide. Allen makes a scale model of the Angel of the North. His model is 50 centimetres tall. How wide is the model? |
| Y7.7) Samual did the shopping as stated below. How much does he have to pay? (Smallest denomination in Fiji is 5 cents)   |  |  | | --- | --- | | **Item** | **Price** | | 700gram Grapes | $13/kg | | 1.4 kg Potatoes | $2.60/kg | | 600grams celery | $5.50/kg | |
| Y7.8) In a bag there are 5 red cards with each numbered from 1 to 5, 8 green cards with each numbed from 1 to 8 and 7 blue cards with numbers 1 to 7 on it. What is the probability of picking any colour number 6? (Give answer in simplest fraction) |

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| Y7.9) A sequence follows the rule 2*n* + 7 x 3. Where *n* is the number in the sequence. What is the difference between the 109th and 26th number in the sequence? |
| Y7.10) Sovaki wrote a number *p* on a piece of paper. He subtracted 4 from the number, then he multiplied 126 after which he divide by 3 and finally added 53 to get a final value of 2951. What is the value of number *p*? |
| Y7.11) What is the area of the given shape? (Diagram not to scale)    6 m  5.26m  3.67m  8.5m |
| Y7.12) Three identical isosceles triangles are drawn as shown.  What is the size of angle marked *r*? |

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| Y7.13) Mike likes to ride on Jet Skies. He hires one from Denrau marina at 3.44 pm and returns at 4.20. The average speed of the jet ski was 76km/h. What was the total distance that Mike rode on the jet ski? |
| Y7.14) Churchill Park Lautoka ground use charge is $2560 plus 10% of income generated from gate takings. Lautoka sports club organized a soccer tournament at Churchill Park. The gate takings were as stated in the table. How much did the Lautoka Sports Club pay for the use of Churchill Park?   |  |  |  | | --- | --- | --- | | Ticket Type | Ticket Price | Number Sold | | Embankment | $5 | 1356 | | Grand Stand | $12 | 749 | | VIP | $35 | 15 | |
| Y7.15) The 2018 FIFA World Cup was the 21st FIFA World Cup, an international football tournament contested by the men's national teams of the member associations of FIFA once every four years. There was a laps of 12 years between 3rd and 4th FIFA World Cup due to World War II. In which year was the 1st FIFA World Cup organized? |
| Y7.16) Melvin drew a number line. He then marked point *A* at and point *B* at . He then marks a point *C* midway between points *A* and *B.* Where on the number line is point *C* located? (Give answer in mixed fraction with smallest possible denominator) |

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| Y7.17) John invested $150,000 for 5 years at a fixed interest rate of 8.6% per annum. What will be total amount that John receives at the end of the 5 year term? |
| Y7.18) Calculate the volume of a right cone with base diameter 42cm and height 12cm.  (Use |
| Y7.19) Meli marked a point A on the Cartesian plane at coordinates (4, 7). He reflected point A on the *y* axis and labelled it as B. He then reflected point B on the *x* axis and labelled it as C. What are the coordinates of point C. |
| Y7.20) Susan conducted a survey of favourite fruits of students in her school. The results are displayed in the table. The number of students who like mango is 66. How many students took part in the survey?   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Fruit** | Apple | Pineapple | Grape | Mango | | **Percentage of Students** | 25% | 5% | 40% | 30% | |