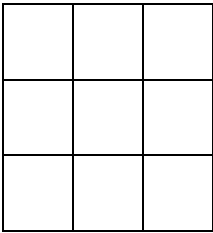
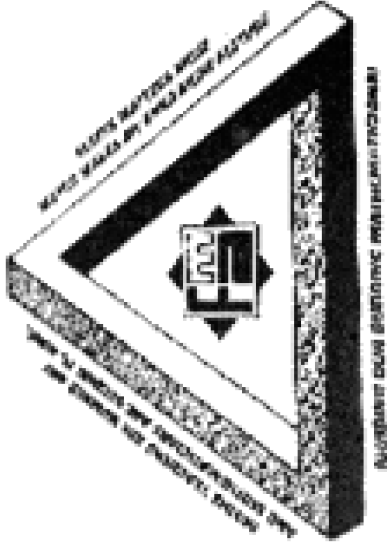


23. Jone is 1.6m tall. What would be the most suitable length for his bed ?
- A. 170cm B. 160cm C. 1.6cm D. 200cm E. 150cm
24. The cost of tiling is $\$8/\text{m}^2$. A tile layer used 60 tiles $50\text{cm} \times 50\text{cm}$ to tile a floor area. What would be the charge for the tile laying ?
- A. \$130 B. \$120 C. \$110 D. \$100 E. \$90.50
25. The cost of binding at a book store is \$3.00 for the first 50 sheets and 80c for each 20 extra sheets or fraction of it. What would be the cost of binding 100 sheets of paper?
- A. \$2.40 B. \$3.40 C. \$4.40 D. \$5.40 E. \$5.20
26. What is the total number of all the different size squares in a 3×3 square ?



- A. 14 B. 12 C. 10 D. 8 E. 6
27. John scored 40% in a Basic Science Test. He was told that his actual mark was 20. What is the test out of ?
- A. 60 B. 80 C. 40 D. 50 E. 25
28. How many litres are there in a cubic metre ?
- A. 10 B. 100 C. 1000 D. 10000 E. 1
29. Robert had 3 dozen bundles of dalo, which were sold at \$1.20 a bundle, how much would he get if all his dalo were sold at the end of the day ?
- A. \$3.60 B. \$12.00 C. \$14.40 D. \$36.00 E. \$43.20
30. If you multiply a number by 8 and then subtract 11, the answer is 45. What is the number ?
- A. 43 B. 17 C. 8 D. 40 E.

FIJI MATHEMATICS ASSOCIATION



FIJI MATHEMATICS COMPETITION (FMC) YEAR 7

Thursday 10th July 2014

Time Allowed: 1 Hour 15 minutes

Note:

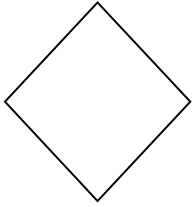
Calculators are NOT permitted.

Diagrams are NOT drawn to scale.

Instructions:

1. Print your **Name**, **School Name** and **Year** clearly in the space provided on the answer sheet.
2. Shade the circle corresponding to your answer with pencil on the answer sheet provided.
3. Multiple answers **will not be** accepted.

1. What is 45% of 250 ?
A. 5.56 B. 18 C. 112.5 D. 1125 E. 11250
2. A drum is $\frac{2}{3}$ full and it contains 30 liters. How many litres will it contain if it is $\frac{3}{4}$ full ?
A. 33.75 B. 32.75 C. 34 D. 33 E. 32
3. A trundle wheel has a circumference of 0.6m. How many revolutions will be needed to make a distance of 30 metres?
A. 20 B. 30 C. 40 D. 50 E. 60
4. What does the underline digit in 8223 stands for ?
A. hundreds B. Tens C. Ones D. Hundredth E. Tenth
5. 0.56 written as a fraction in simplest form is:
A. $\frac{56}{100}$ B. $\frac{14}{25}$ C. $\frac{28}{50}$ D. $\frac{1}{2}$ E. $\frac{3}{5}$
6. $2\frac{3}{4} - 1\frac{5}{8}$ equals
A. $\frac{35}{8}$ B. $\frac{1}{8}$ C. $\frac{9}{8}$ D. $\frac{25}{8}$ E. $\frac{7}{8}$
7. $0.45 - 0.2 + 0.35$ equals
A. 0.65 B. 0.56 C. 0.45 D. 0.6 E. 0.55
8. What is the reciprocal of $\frac{4}{8}$?
A. 2 B. 4 C. 6 D. 8 E. $\frac{1}{2}$
9. The cost of 70 ball point pens is \$47.60. What is the cost of 20 pens?
A. \$1.36 B. \$29.40 C. \$2.38 D. \$13.60 E. \$10.50
10. The number of axes of symmetry in the given square is:
A. 1 B. 2 C. 3
D. 4 E. 5
11. A square board is made of 81 squares. What is the number of squares along the perimeter?



12. Ana sold a TV for \$500. She sold the TV at a loss of 20%. What is the cost price of the TV ?
A. \$525 B. \$600 C. \$615 D. \$620 E. \$625
13. There are twelve cans in a box.If each can has a mass of 425g ,what is the total mass in kilograms held in the box ?
A. 0.51kg B. 5.1kg C. 3.5kg D. 3kg E. 51kg
14. How many prime numbers are there between 0 and 50 ?
A. 13 B. 15 C. 16 D. 17 E.20
15. Mr Bill have a saving account at ANZ Bank. He plans to save \$45.00 fortnightly. How much his going to save in one year.?
A. \$450 B. \$540 C. \$1080 D. \$1170 E. \$2340
16. The sum of the lengths of edges of a cube is 60cm. What is the total surface area of the cube ?
A. 120cm² B. 125cm² C. 130cm² D. 140cm² E. 150cm²
17. The number 15 can be written as the sum of two prime numbers. These are
A. 3 + 12 B. 1 + 14 C. 13 + 2 D. 7 + 8 E. 11 + 4
18. My mother left her car in the car park at 11am and returned 5 hours later. The time when she returned was
A. 6pm B. 5pm C. 4pm D. 3pm E. 2pm
19. Which of the following fractions is smaller than $\frac{5}{8}$?
A. $\frac{7}{8}$ B. $\frac{17}{24}$ C. $\frac{11}{24}$ D. $\frac{13}{16}$ E. $\frac{3}{4}$
20. 1.1 x 0.7 equals
A. 77 B. 7.7 C. 0.77 D. 0.707 E. 7.07
21. A car can travel 14km using 1 litre of fuel. How far could it travel with 35 litres ?
A. 25km B. 35km C. 49km D. 400km E. 490km
22. 118.32 when rounded off to the nearest whole number
A. 119 B. 110 C. 120 D. 118 E. 100