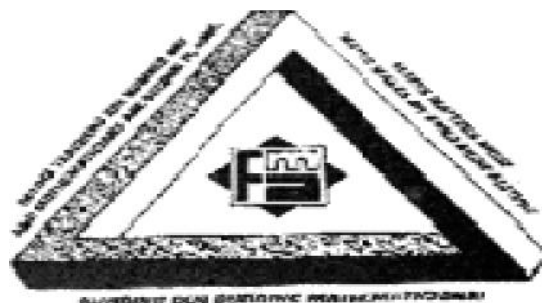


FIJI MATHEMATICS ASSOCIATION



FIJI MATHEMATICS COMPETITION

(FMC)

CLASS 6

Thursday 11th July 2013

Time Allowed: 1 Hour 15 minutes

Note:

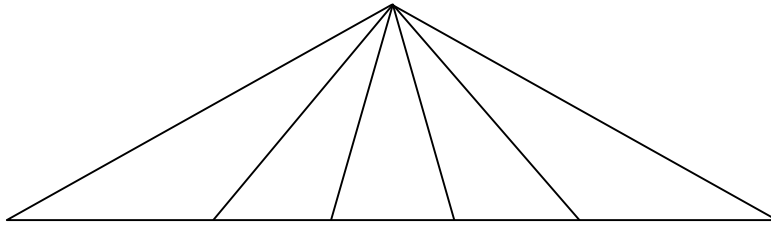
Calculators are NOT permitted.

Diagrams are NOT drawn to scale.

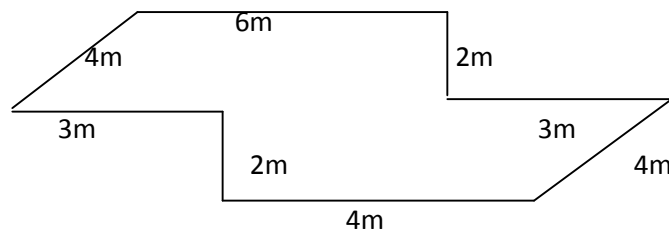
Instructions:

1. Print your **Name, School Name** and **Class** 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. How many triangles are there in the figure?



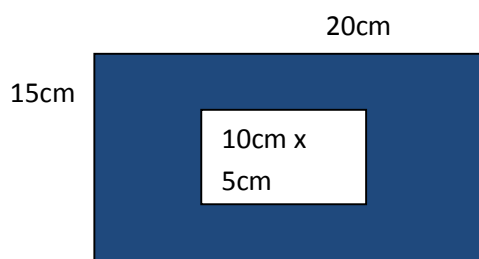
- A. 8 B. 9 C. 11 D. 5 E. 15
2. Ishita bought 15 jars of lollies at \$0.70 per jar. Each jar contains 20 lollies. What is the total sum she spent on the lollies?
- A. \$12.05 B. \$9.75 C. \$13.50 D. \$10.50 E. \$210.00
3. Arnie went to movie at 10.45am and came back after 3 hours and 20 minutes. What time did he return?
- A. 7.55pm B. 2.05am C. 8.25am D. 1.30pm E. 2.05pm
4. What is the perimeter of the shape given below?



- A. 36m B. 29m C. 32m D. 25m E. 28m
5. The LCM of 3, 6, 9,....
- A. 9 B. 12 C. 15 D. 18 E. 24
6. Mrs. Sami sold 2 goats for \$358.20, a sheep for \$197.40, 8 ducks for \$115.35. How much money did Mrs. Sami get?
- A. \$670.95 B. \$672.96 C. \$556.28 D. \$927.11 E. \$645.10
7. Inoke gave $\frac{2}{3}$ of cake to his sister and $\frac{1}{4}$ to his brother. What is the total sum of cake that was given away by Inoke?
- A. $\frac{3}{7}$ B. $\frac{4}{8}$ C. $\frac{11}{12}$ D. $\frac{12}{15}$ E. $\frac{5}{6}$
8. Salen's job is to collect 315 eggs per month. How many eggs would he collect in first half of the year?
- A. 2170 B. 1890 C. 1992 D. 1865 E. 2460

9. John's mother gave him 60 lollies. He gave $\frac{2}{3}$ to his friends. How many lollies are left with him?
A. 15 B. 40 C. 65 D. 20 E. 30
10. $7 \times 4 \times 6 \times 0 \times 5 =$
A. 840 B. 168 C. 22 D. 30 E. 0
11. What is the value for the underlined digit 324707
A. thousands B. tens C. ones D. ten thousands E. hundreds
12. A dress and a hat cost \$47.65. If the price of the hat is \$6.90, what is the price of the dress?
A. \$41.27 B. \$40.75 C. \$31.64 D. \$42.94 E. \$46.65
13. If Alvin was born on 2nd of June 45 years ago. In which year was Alvin born.
A. 1970 B. 1996 C. 1964 D. 1945 E. 1968
14. Tomu's father had \$15000.00 in his bank. He gave \$8765.76 to Tomu's mother and the rest to Tomu. How much did he give to Tomu?
A. \$8765.76 B. \$9624.67 C. \$6234.24 D. \$7216.96 E. \$2964.76
15. $8\frac{1}{4}$ expressed as improper fraction is
A. $\frac{24}{4}$ B. $\frac{9}{4}$ C. $\frac{16}{4}$ D. $\frac{33}{4}$ E. $\frac{32}{4}$
16. Find the value of x in the following problem: $26 + x = 39$
A. 13 B. 16 C. 14 D. 10 E. 11
17. Sima had 2 dozen goats on the farm. How many goat legs are there altogether.
A. 84 B. 96 C. 144 D. 24 E. 108
18. How many 250ml bottles can be filled from 2 litres of water?
A. 3 B. 12 C. 16 D. 8 E. 9
19. What would be equivalent fraction of $\frac{1}{4}$?
A. $\frac{2}{4}$ B. $\frac{3}{15}$ C. $\frac{5}{20}$ D. $\frac{6}{8}$ E. $\frac{7}{8}$
20. 10.55pm in 24 hour clock would be
A. 22.55 B. 12.55 C. 01.55 D. 15.55 E. 21.55
21. What number is 250 more than 2176?
A. 2115 B. 3176 C. 2576 D. 2500 E. 2426
22. How many minutes are there between 10.13am and 10.55am?
A. 60 B. 42 C. 45 D. 55 E. 13

23. Raju bought 5 bundles of dalo at \$3.00 each. He sold them at \$4.00 each. How much profit would he make at the selling price of \$4.00?
- A. \$20.00 B. \$15.00 C. \$12.00 D. \$5.00 E. \$16.00
24. My uncle walks to his workplace, which is at a distance of 2km, everyday. How many kilometers does he walk in a week if he works from Monday to Saturday.
- A. 24km B. 20km C. 12km D. 14km E. 18km
25. The decimal sum for the fraction below is:
- $7 + \frac{3}{10} + \frac{6}{100} =$
- A. 0.736 B. 73.6 C. 7.36 D. 736 E. 736.0
26. Rita earns \$35.26 a week and Gita earns \$38.05 a week. How much more does Gita earn than Rita in a 16 week period?
- A. \$44.64 B. \$52.25 C. \$8.26 D. \$38.60 E. \$76.40
27. 24 children decided to share equally the expense for teachers day party. The total expense was \$188.40. What was one child's share of expense?
- A. \$6.96 B. \$7.85 C. \$4.26 D. \$18.40 E. \$20.80
28. Damu fenced his pineapple garden with 2 rows of barbed wire. How many metres of wire is used if his rectangular garden was 24meters wide and 36meters long?
- A. 188m B. 120m C. 260m D. 150m E. 240m
29. If I hired a car to take me 48km away from my school. How much do I pay the driver if he charged me 78cents/km.
- A. \$48.00 B. \$36.32 C. \$37.44 D. \$39.64 E. \$32.78
30. What is the area of the shaded part?



- A. 300cm^2 B. 250 cm^2 C. 160 cm^2 D. 150 cm^2 E. 85 cm^2