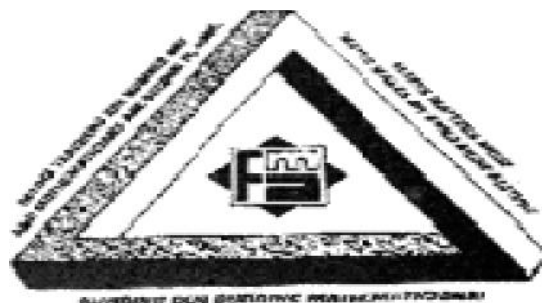


FIJI MATHEMATICS ASSOCIATION



FIJI MATHEMATICS COMPETITION

(FMC)

CLASS 5

Thursday 11th July 2013

Time Allowed: 1 Hour 15 minutes

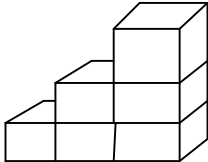
Note:

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. Peter has 2 dozens chicken and 6 goats in his farm. How many legs are there altogether ?
 A. 72 B. 28 C. 32 D. 88 E. 60
2. Which fraction is the same as $\frac{3}{7}$?
 A. $\frac{6}{21}$ B. $\frac{12}{28}$ C. $\frac{15}{28}$ D. $\frac{21}{28}$ E. $\frac{16}{20}$
3. The difference of two positive numbers is 89. If the smaller number is 118, what is the bigger number?
 A. 219 B. 309 C. 207 D. 210 E. 339
4. 749 when rounded off to the nearest hundred is
 A. 1000 B. 900 C. 800 D. 700 E. 750.
5. Which symbol would make the statement correct ? 6×4 ____ 8×7
 A. B. C. D. E.
6. Evaluate 244×64
 A. 15551 B. 16516 C. 15616 D. 17771 E. 21321
7. The next value in the number pattern 7,15,31,63, ____ is
 A. 127 B. 110 C. 74 D. 89 E. 119
8. 6.5 is closest to the whole number
 A. 3 B. 5 C. 6 D. 7 E. 10
9. Sixty thousand four hundred and fifty is written in digits as:
 A. 645 B. 6050 C. 60450 D. 60455 E. 60050
10. The value of $\frac{5}{9} - \frac{1}{3}$ is
 A. $\frac{2}{9}$ B. $\frac{2}{3}$ C. $\frac{2}{9}$ D. $\frac{8}{9}$ E. $\frac{4}{6}$
11. This stairway is made of cubes. How many cubes would be needed in total to make it 9 steps high?

 A. 45 B. 54 C. 60
 D. 39 E. 27
12. A rectangle has a length of 24m and width of 34 m, find its area
 A. 416m^2 B. 516m^2 C. 616m^2 D. 816m^2 E. 967m^2
13. How many factors does the number 27 have ?
 A. 4 B. 3 C. 2 D. 1 E. None

14. 3km when expressed in m is

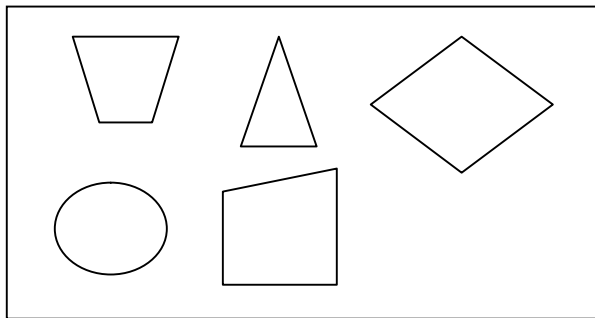
- A. 300000m B. 30000m C. 3000m D. 300m E. 30m

15. Ruth has to go to work tomorrow. He has to reach work at 8.45am. In the morning he has to walk for 7 minutes before catching the bus. The trip takes 20 minutes, what time should he leave home?

- A. 8.18am B. 7.18am C. 8.25am D. 7.38am E. 7.25am

16. How many quadrilaterals are shown on the right ?

- A. 5
B. 4
C. 3
D. 2
E. 1



17. Mrs Chetty had forty five dollars. She gave \$25.00 to her daughter. Her two sons shared the rest of the money. How much did each son get ?

- A. \$25 B. \$20 C. \$15 D. \$10 E. \$5

18. There was 1 dozen banana and 8 apples at home. Peter ate 2 bananas and 2 apples daily, how many fruits would be left after the 2nd day ?

- A. 8 bananas and 4 apples B. 10 bananas and 6 apples C. 6 bananas and 2 apples
D. 4 bananas and 2 apples E. 8 bananas and 2 apples

19. New world supermarket pays \$20 per day to 5 employees on a 5 days weekly pay. How much does he pay in total ?

- A. \$1000 B. \$900 C. \$800 D. \$500 E. \$200

20. It takes 40 minutes for an aeroplane to fly from Suva to Labasa. What will be the arrival time of an Pacific Sun in Suva if it leaves Labasa at 7.30am daily.

- A. 7.40am B. 7.50am C. 8.00am D. 8.05am E. 8.10am

21. What does the underline digit in the numeral 1098 stand for ?
- A. thousandths B. hundredth C. ones D. tens E. Hundreds
22. Peter, Luke, Thomas, Andrew and Ravneel all ran 400 meters during the chow games in Suva last year. Their time were 90secs, 1min 10secs, 1min 6secs, 68secs and 70secs respectively. Which competitors ran the fastest time ?
- A. Andrew B. Ravneel C. Thomas D. Luke E. Luke and Ravneel
23. Find the product of 45 and 23
- A. 1053 B. 1073 C. 1035 D. 2035 E. 1023
24. Complete the number patterns 3, 9, 27, _____
- A. 32 B. 30 C. 28 D. 91 E. 81
25. Peni is market vendor who only sells cassava. If he bought a bag of cassava for \$50 and then after selling he collected \$125. What was his profit from that bag of cassava?
- A. \$25 B. \$35 C. \$65 D. \$75 E. \$85
26. Evaluate $2\frac{1}{3} + \frac{5}{4}$
- A. $\frac{43}{12}$ B. $\frac{24}{12}$ C. $\frac{16}{4}$ D. $\frac{28}{4}$ E. $\frac{12}{24}$
27. If the time in Sydney is two hours behind Fiji time. What will be the time in Sydney if it's 1.10pm here in Fiji.
- A. 12.10pm B. 12pm C. 11.10am D. 11.10pm E. 10.10am
28. If one orange cost 60cents, what will be the cost of 2 dozens ?
- A. \$1.40 B. \$4.40 C. \$6.40 D. \$8.40 E. \$14.40
29. Find the perimeter of the figure given below:
-
- A. 30cm B. 20cm
C. 15cm D. 49cm
E. 60cm
30. John went to the local store and bought 1 packet milk for \$5.25, 2 packets cookies for \$1.50 each. If he gave the \$20 note what will be his change?
- A. \$13.25 B. \$11.75 C. \$8.25 D. \$6.25 E. \$11.45