

MOMS Math Mania 1 (55 Minutes) Select the right answer by filling the circle.

Name: _____

1. If 1 mile = 1.6 kilometers. How many miles is 2 kilometers?

- A. 2 miles
- B. 1.5 miles
- C. 2.5 miles
- D. 1.25 miles

2. What is $3\frac{3}{6} + 2\frac{4}{8}$?

- A. $5\frac{7}{16}$
- B. $\frac{1}{2}$
- C. 6
- D. Addition not possible

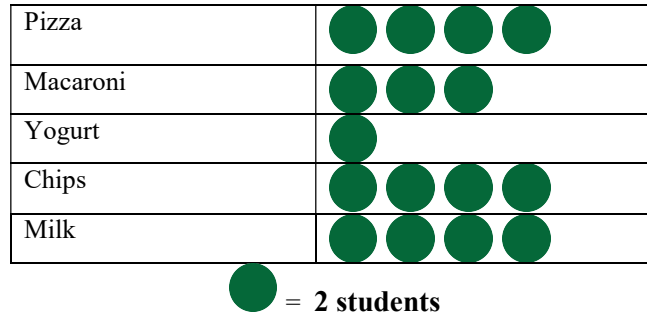
3. What is $(950 - 60 + 10) \div (299+1)$

- A. 3
- B. 15
- C. 4
- D. 10

4. Tammy has \$16.10. She gives \$4.00 to Deb. Unfortunately Deb loses all her money. An ice cream truck was selling ice-cream for \$6 each. Do they have enough money to buy one ice-cream each?

- A. Not really
- B. They can buy 3 ice creams
- C. Yes, they have just enough
- D. I don't know, I will have to ask them

5. A class took a survey on their favorite food. The results are shown in the graph below.



4 students were absent, and 4 did not take the survey, everyone else in the class took the survey, how many students are there in the class?

- A. 60
- B. 35
- C. 40
- D. There is not enough information

6. $1000 \frac{7}{16} - 1000 \frac{14}{32}$

Which signs could be used to fill in the blank?
Mark all possible answers.

- A. =
- B. >
- C. <
- D. \neq

7. What is 35×400 ?

- A. 22500
- B. 90000
- C. 14000
- D. 61000

8. Tim drives at a speed of 65 miles per hour and reaches airport at 8:30 A.M.. He lives 130 miles from the airport, what time did he start from home?

- A. 5:30 A.M
- B. 9:30 P.M
- C. 6:30 A.M.
- D. He did not know when he started.

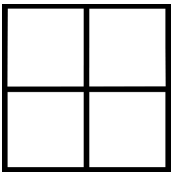
9. Richard works 8 hours a day and makes a \$8 per hour. Beyond his 8 hour he makes 1.5 times his hourly rate. Last week he worked 9 hours a day for 5 days. Approximately how much money did he make last week?

- A. \$380
- B. \$400
- C. \$520
- D. \$320

10. Mom is 5 times the age of Lily. Lily's sister is 3 years younger to her. If Lily's sister is 3, how old is Mom?

- A. 35 years
- B. 30 years
- C. 40 years
- D. She won't tell her age.

11. A square with a side of 8 cm is divided into 4 equal squares as shown below. What is the perimeter of all 4 squares all together?



- A. 48 cm
- B. 64 cm
- C. 32 cm
- D. 8 cm

12. Put the following numbers in ascending order (lowest to highest). $\frac{1}{3}, \frac{1}{4}, \frac{2}{5}, \frac{3}{7}$

- A. $\frac{1}{4}, \frac{1}{3}, \frac{2}{5}, \frac{3}{7}$
- B. $\frac{1}{3}, \frac{2}{5}, \frac{1}{4}, \frac{3}{7}$
- C. $\frac{1}{4}, \frac{3}{7}, \frac{2}{5}, \frac{1}{3}$
- D. None of the above

13. Bob, Gary, and Joe together spend \$24 to set up a lemonade stand. If each of them put in an equal amount of money, and the lemonade stand made \$57 in all, how much profit do each of the kids take home?

- A. \$9
- B. \$17
- C. \$11
- D. \$14

14. If Peter gets X marks on a test, Sam gets Y marks, and Nikki gets Z marks and their marks are represented by $Y > Z > X$, which of the three came in third place?

- A. Nikki
- B. Sam
- C. Marco
- D. Peter

15. The below is a chart that represents the favorite activities of 200 students. Which How many students like watching TV or exercising?



- A. 40
- B. 80
- C. 60
- D. 70

16. John starts working at 7:00 AM. At 1:00 PM he leaves work. How long did John work?

- A. 6 hours
- B. 8 hours
- C. 8 hours 10 minutes
- D. 4 hours

17. Ron walks 200 meters north of his house. He then walks south for 1.1 kilometers. How far is Ron from his house and in what direction.

- A. 900 meters south
- B. 90 meters north
- C. 9 meters south
- D. 900 kilometers south

18. Multiply 11×13

- A. 141
- B. 132
- C. 143
- D. Multiplication is not possible for these two numbers

19. Jimmy has 2 quarters, 3 dimes, and 5 pennies. He owes Julie 43 cents. How will he pay her back?

- A. 1 quarters, 1 dime, 5 pennies
- B. 1 quarters, 1 dime, 2 pennies
- C. 2 quarters, 0 dimes, 0 pennies
- D. 0 quarters, 3 dimes, 4 pennies

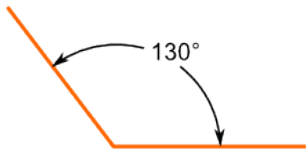
20. How many sides does a heptagon have?

- A. 5
- B. 3
- C. 8
- D. 7

21. What is $1002 - 998$?

- A. 2000
- B. 90
- C. 4
- D. 0

22. What type of angle is the one below?



- A. Obtuse Angle
- B. Right Angle





- C. Right Angled Triangle
- D. Acute Angle

23. Guess the next number in the pattern below.

1, 2, 4, 8, 16, 32, 64, 128, 256

- A. 1024
- B. 512
- C. 4096
- D. 2098

24. Which of the below clocks show 7:40 AM/PM?

- A. 
- B. 
- C. 
- D. 

25. Solve 12 hours, 23 minutes - 3 hour, 35 minutes

- A. 2 hours 33 minutes
- B. 1 hour, 35 minutes
- C. 8 hours 48 minutes
- D. 9 hours 35 minutes