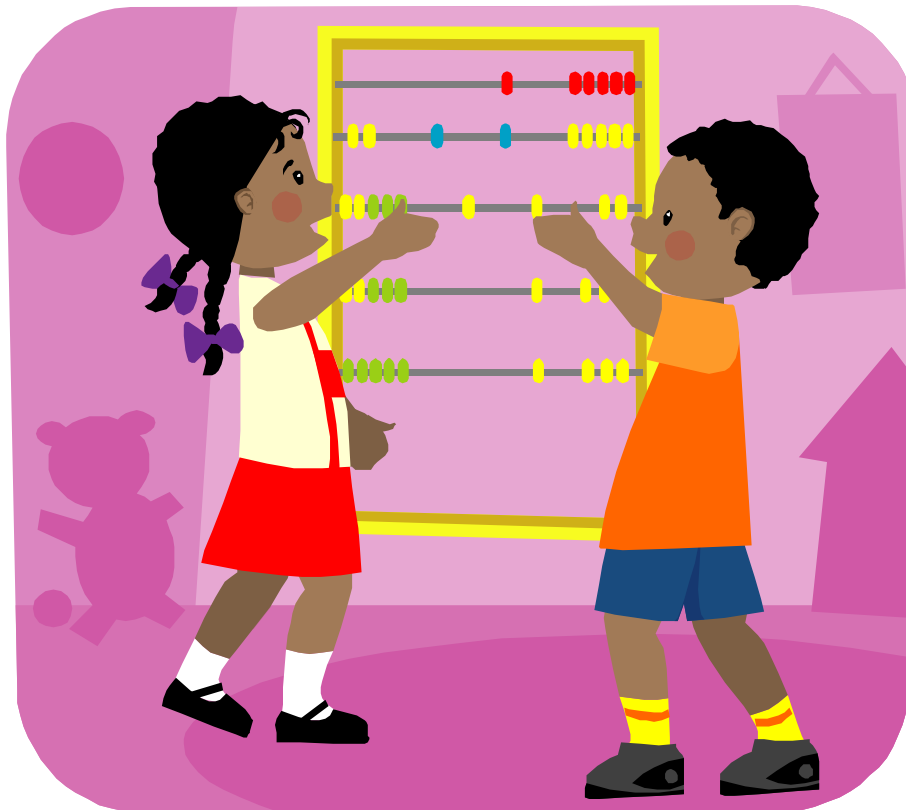


BRIDGEPORT PUBLIC SCHOOLS
MATHEMATICS DEPARTMENT

MATHEMATICS
CMT PRACTICE
PACKET
#3



GRADE 6

STUDENT'S NAME: _____

Revised 2/12/08

NAME: _____

Grade 6
Math CMT Practice Packet #3

1. FYE sold 2,473 CDs last month. They sold 1000 more this month. How many boxes were sold this month?

- a. 3,383 b. 2,573 c. 3,473 d. 2,483

2. Which means the same as 84,735?

- a. $80,000 + 400 + 700 + 30 + 5$ b. $80,000 + 4,000 + 700 + 30 + 5$
c. $8,000 + 4,000 + 70 + 30 + 5$ d. $8,000 + 400 + 70 + 5$

3. Which means the same as 2400?

- a. 24 hundreds b. 24 tens c. 24 thousands d. 24 ones

4. The value of the one's place would change by how much if a 2 replaced the 7?

87.9

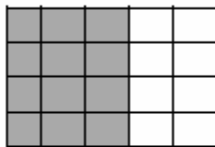
- a. 5 b. 0.5 c. 50 d. 500

5. Which picture shows $\frac{1}{4}$ shaded?

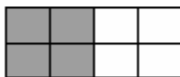
a.



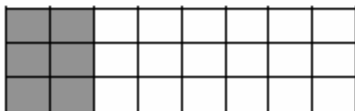
b.



c.

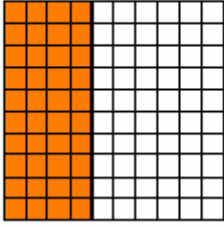


d.



6. What percent of the grid is shaded?

Each $\square = 0.01$



- a. 2.0% b. 4.0% c. 20% d. 40%

7. Bart drove 0.60 miles. Which fraction names the same amount?

- a. $60/1000$ b. $10/60$ c. $3/5$ d. $5/3$

8. Geena jogs $1\frac{2}{5}$ miles every day. Which decimal names the same amount?

- a. 1.2 b. 1.5 c. 1.4 d. 12.5

9. Patty cut three lengths of wood for a puppet stage. The lengths are $1\frac{2}{3}$, $1\frac{1}{2}$ and $1\frac{5}{6}$. Which list shows the lengths in order from LONGEST TO SHORTEST?

- a. $1\frac{1}{2}$, $1\frac{2}{3}$, $1\frac{5}{6}$ b. $1\frac{2}{3}$, $1\frac{1}{2}$, $1\frac{5}{6}$ c. $1\frac{1}{2}$, $1\frac{5}{6}$, $1\frac{2}{3}$ d. $1\frac{5}{6}$, $1\frac{2}{3}$, $1\frac{1}{2}$

10. Mrs. Jackson has 76 balloons to decorate the hall. There are 19 tables to decorate. Which number sentence could she use to determine the number of balloons to put at each table?

- a. $76 \times 19 = \underline{\quad}$ b. $76 + 19 = \underline{\quad}$ c. $76 \div 19 = \underline{\quad}$ d. $76 - 19 = \underline{\quad}$

11. Stephen needs to multiply 378 by 284. Which of the following would be BEST for Stephen to use to ESTIMATE the product?

- a. 300×300 b. 400×300 c. 400×200 d. 300×200

12. To ESTIMATE the sum of 574,782 and 65,397, Harold added 600,000 and 70,000. Would Harold's estimate be more or less than the actual sum?

- a. More, because he rounded both numbers up.
b. More, because he rounded both numbers down.
c. Less, because he rounded both numbers up.
d. Less, because he rounded both numbers down.

13. Arturo estimated the product 82×0.2 by multiplying 80×0.1 . Would Arturo's estimate be more or less than the actual product?

- a. More, because he rounded both numbers up.
- b. More, because he rounded both numbers down.
- c. Less, because he rounded both numbers up.
- d. Less, because he rounded both numbers down.

14. Candy worked for 51 hours for $6\frac{1}{5}$ weeks. ABOUT how many hours did she work?

- a. A little more than 350
- b. A little less than 350
- c. A little more than 300
- d. A little less than 300

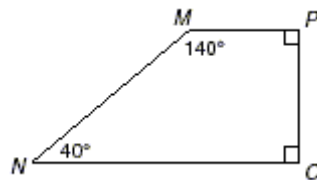
15. Henry hangs 4 red balloons for every 2 green balloons. Which shows the same ratio?

- a. 8 green balloons to 4 red balloons
- b. 8 red balloons to 4 green balloons
- c. 4 green balloons to 1 red balloons
- d. 1 green balloon to 4 red balloons

16. Write a word problem that can be solved using this number sentence.

$$\$0.56 + \$23.75 = \underline{\hspace{2cm}}$$

17. What kind of angle is angle M ?



- a. Acute
- b. Right
- c. Obtuse
- d. Straight

18. Solve this problem. What is the value of x in this equation?

$$x - 0.45 = 0.7$$

- a. 0.52
- b. 1.15
- c. 0.25
- d. 0.75

19. $2\frac{1}{4} + 3\frac{1}{2} = \underline{\hspace{2cm}}$

- a. $5\frac{1}{2}$ b. $6\frac{2}{5}$ c. $5\frac{3}{4}$ d. $5\frac{2}{5}$

20. Susan must buy paper plates and plastic forks for a picnic. Plates are sold in packages of 9 and forks in packages of 12. What is the least number of packages of plates and packages of forks that Susan can buy to have an equal number of plates and forks?

- a. 2 packages of plates and 3 packages of forks b. 3 packages of plates and 4 packages of forks
c. 4 packages of plates and 6 packages of forks d. 4 packages of plates and 3 packages of plates

21. Corinne's group was responsible for painting windows on the set of a school play. The group painted 18 windows in 80 minutes. If they continued painting at this rate, ABOUT how many windows would they paint in 3 hours?

- a. 36 b. 40 c. 54 d. 72

22. Mr. Jackson makes \$378.60 each week. He puts 8% of his pay each week into a savings account. How much does Mr. Jackson save each week?

- a. \$30.29 b. \$47.33 c. \$4.73 d. \$3,029

23. What is the next number in this pattern? 1, 3, 9, 27, 81 _____

- a. 108 b. 121 c. 162 d. 243

24. Carla's family ordered lunch at a drive through restaurant. The total bill was \$21. 65. Carla's mom paid with a \$50.00 bill. How much change should she receive?

- a. \$28.35 b. \$29.35 c. \$29.65 d. \$71.65

25. Mr. Molsen has opened an ice cream shop. His customers can order vanilla, chocolate or strawberry ice cream. They can choose a waffle cone, a wafer cone, or a sugar cone. There are two toppings for the ice cream cones: cookie crumbs or rainbow sprinkles. How many DIFFERENT cones are possible if customers must choose ONLY ONE flavor of ice cream, ONE type of cone and ONE type of sprinkles.

SHOW WORK BELOW.