

CIE-USA/DFW

MathComp 2007

Grade 2

30 questions

Time: One Hour

Note:

*Make sure to write all your answers on the answer sheet. Only the answer sheet will be graded.

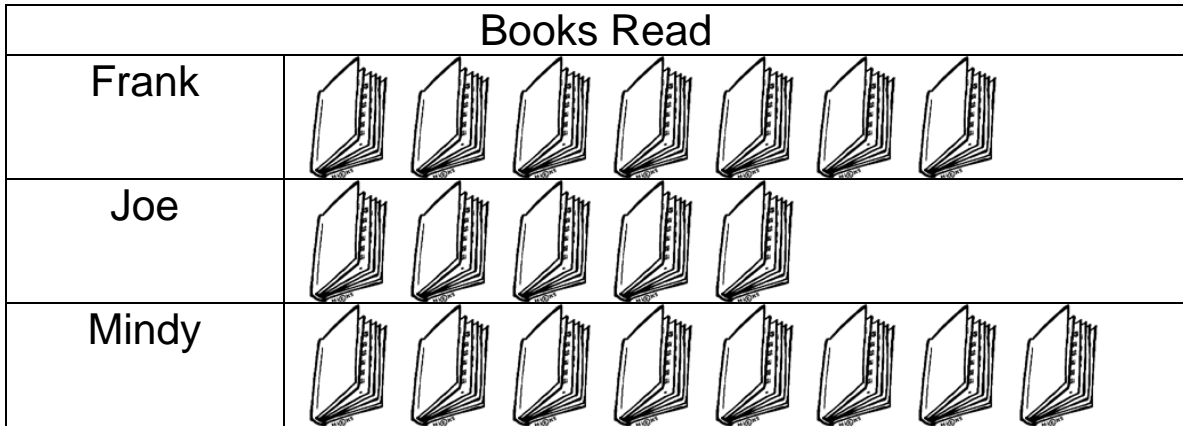
*Each of the 30 questions carries the same weight, so if time is not enough, work the easiest problems first.


* Print your name clearly and legibly below.

Name _____

Room _____

Use the graph to answer question 1.

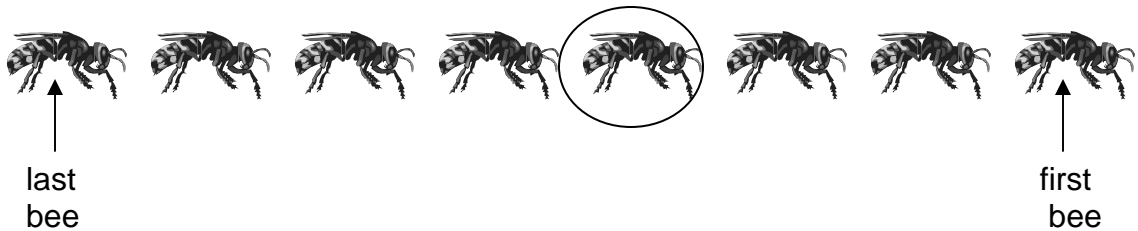


Each  means 5 books.

1. How many more books did Mindy read than Joe?

- A. 3 B. 8 C. 25 D. 15

2. Which bee is in the circle?

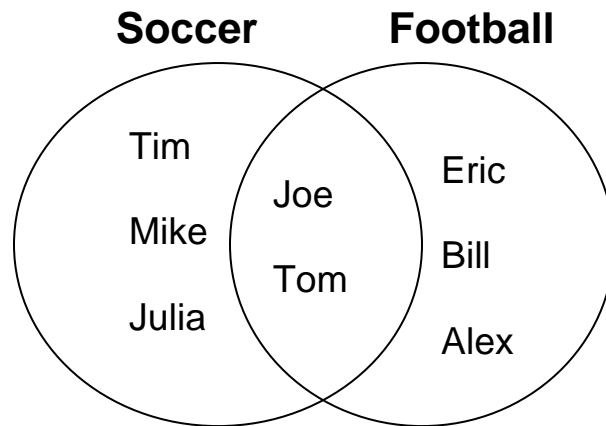


- A. third B. fifth C. fourth D. sixth

3. Beth has 4 nickels. She bought gum for 13 cents. How many nickels did she use to pay for the gum?

- A. one nickel B. two nickels
C. four nickels D. three nickels

Use the diagram that shows what sport children play to answer the question below.



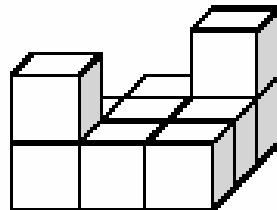
4. How many children play football?

- A. 5 B. 4 C. 3 D. 6

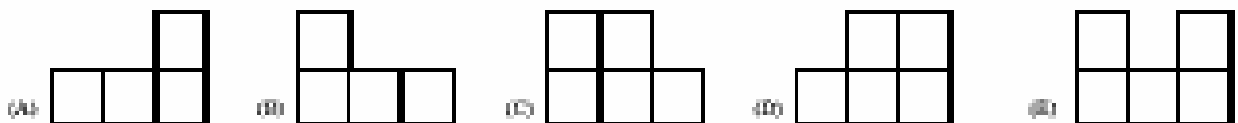
5. Penny started reading her book at 2:00 pm. She read for one hour and then saw a movie for 2 hours. What time did she finish the movie?

- A. 3:00 B. 4:00 C. 5:00 D. 6:00

6. What will you see if you look at this building from directly behind it?



- A. B. C. D. E.



7. Each different shape represents a different number.
What set of numbers could be used for each shape?

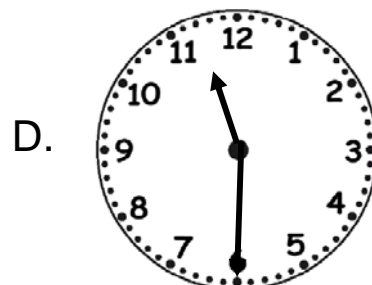
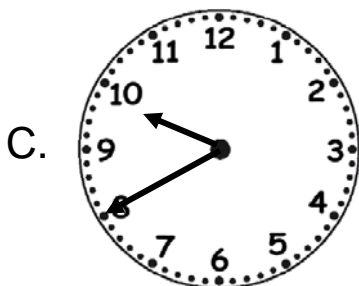
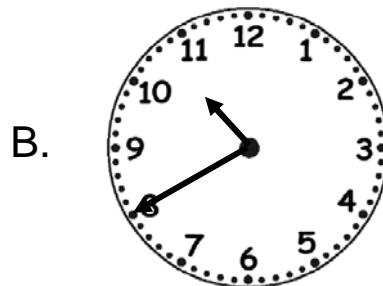
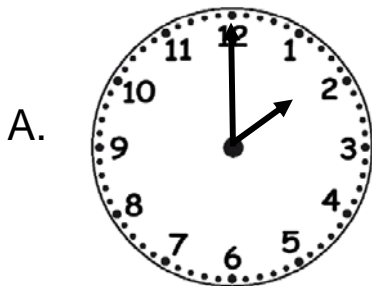
$$\triangle + \bigcirc = \bigcirc \times \diamond$$

- A. $\bigcirc = 3$, $\triangle = 8$, $\diamond = 4$
- B. $\triangle = 5$, $\bigcirc = 3$, $\diamond = 1$
- C. $\triangle = 3$, $\bigcirc = 12$, $\diamond = 5$
- D. $\diamond = 5$, $\bigcirc = 3$, $\triangle = 12$

8. Mark put 25 cars in a box. He went shopping and bought 15 more cars. He put eight of those cars in the box also. How many cars does he have in the box now?

- A. 40
- B. 10
- C. 33
- D. 38

9. Which clock shows a time between 10:00 and 11:00?



10. Mike buys 38 baseball cards. Later he buys 25 more cards. He gives 11 to his friend. How many cards does he have now?

A. 52

B. 74

C. 63

D. 14

11. The sum of the largest possible 3-digit integer and the largest possible 4-digit integer is:

A. 9998

B. 9999

C. 10,000

D. 10,998

E. 10,999

12. Mary and John buy a bag of 138 chocolates. Mary gives 23 chocolates to her friends and John eats 12 chocolates by himself. How many chocolates are left over?

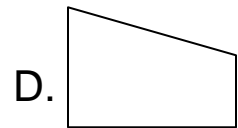
A. 126

B. 113

C. 103

D. 173

13. Which figure has **more than one** line of symmetry?



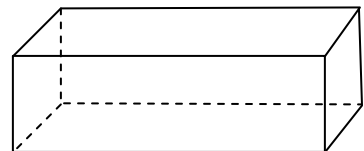
14. How many faces does this solid have?

A. 4

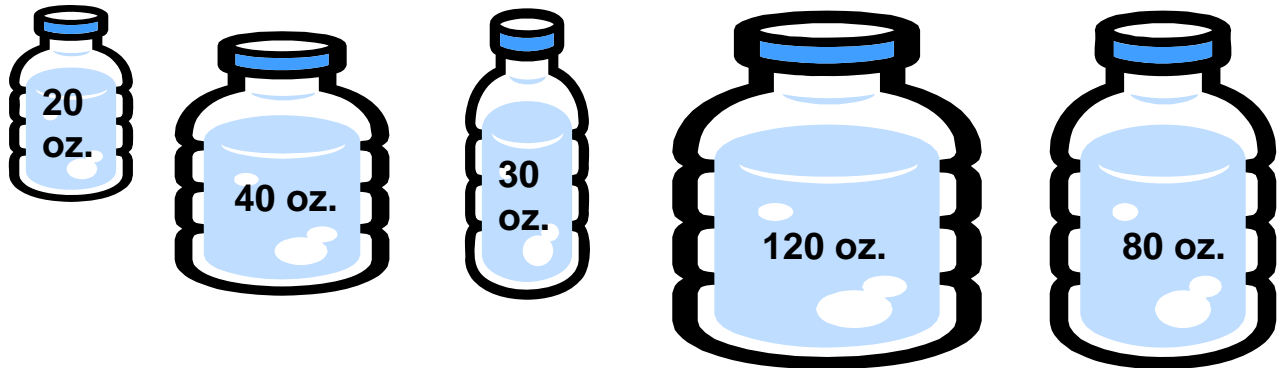
B. 5

C. 6

D. 8

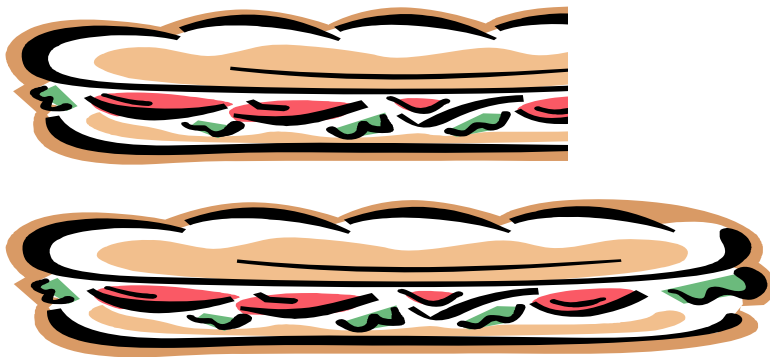


15. Suppose you need 160 ounces of water for an experiment. What 2 bottles could you use to have exactly 160 ounces?



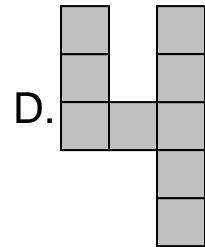
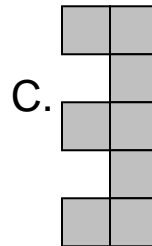
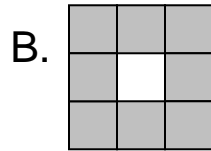
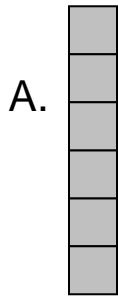
- A. 80 and 120
B. 80 and 40
C. 120 and 20
D. 120 and 40

16. Look at the two sandwiches. About how much of the first sandwich was eaten if they were both the same size?



- A. about $\frac{1}{2}$
B. about $\frac{1}{4}$
C. about $\frac{3}{4}$
D. about $\frac{4}{4}$

17. Which number has a perimeter of 18 units and an area of 8 square units?



18. Jason bought a quart of milk and 3 pints of milk. How many cups of milk did he buy?

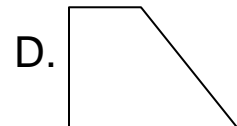
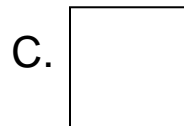
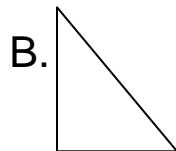
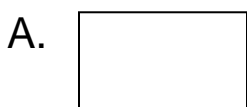
A. 4 cups

B. 6 cups

C. 8 cups

D. 10 cups

19. Which shape am I? I have more than 3 sides. None of my sides are equal in length.



20. Three children share 12 cookies. How many cookies for each child?

A. 2 cookies

B. 3 cookies

C. 4 cookies

D. 5 cookies

21. What is the ending time? Paula started doing her science project at 3:00. She worked for 4 hours. She stopped working at _____.

- A. 4:00 B. 5:00 C. 6:00 D. 7:00

22. Subtract 286 from 439.

- A. 153 B. 253 C. 253 D. 163

23. Which fraction shows how many stars are shaded?



- A. $\frac{2}{5}$ B. $\frac{2}{7}$ C. $\frac{5}{2}$ D. $\frac{5}{7}$

24. Some second graders share a bag of cookies. There are 22 students in all. Each bag has enough cookies for 5 students. How many bags of cookies will they need so all students will get some?

- A. 5 bags B. 4 bags C. 3 bags D. 2 bags

25. Jeff bought some oranges. He put them in bags. He used 6 bags and put 3 oranges in each bag. How many oranges did he buy?

- A. 9 oranges B. 18 oranges
C. 15 oranges D. 12 oranges

26. Melissa ate three M&Ms every time her cousin ate 4 nuts. If her cousin ate 12 nuts, how many M&Ms did Melissa eat?

- A. 3 B. 5 C. 7 D. 9

27. Carla gave 8 dog treats to Howdy. This is twice as many treats as she gave to Spot. She gave the last 2 treats to Blackie. How many treats did Carla have to start with?

- A. 2 treats B. 10 treats
C. 14 treats D. 18 treats

28. What is the sum of three hundred four and two hundred fifty?

- A. 555 B. 554 C. 590 D. 519

29. Mark can put 6 crayons in each bag. He has 5 blue crayons, nine yellow crayons, and 4 black crayons. How many bags does he need?

- A. 3 bags B. 4 bags C. 2 bags D. 15 bags

30. Tom has 59 baseball cards. He has 28 fewer cards than Jack. How many cards does Jack have?

- A. 77 B. 31 C. 87 D. 717