



Name _____

Diagnostic Test

Directions: Circle the best answer for each of the following questions.

- Carlos rode his bike after school for 3 days. The first day he rode his bike for 15 minutes. The second day he rode for 20 minutes. The last day he rode for 10 minutes. How many minutes did he ride altogether?
A. 45 minutes C. 50 minutes
B. 60 minutes D. 48 minutes
- Nora bought tickets for her school carnival. She spent \$12 on the first day of the carnival. Then she spent \$22 on the second day. How much did she spend altogether?
A. \$44 C. \$34
B. \$54 D. \$57
- Jack and Ben love to play basketball together. They like to keep score to see who makes the most baskets. In their first game, Jack made 26 baskets. In their second game, Ben made 28 baskets. How many baskets did both boys make altogether?
A. 2 baskets C. 64 baskets
B. 54 baskets D. 48 baskets
- Jorge loves to read more than anything else. On Monday, Jorge read 15 pages. On Tuesday, he read 22 pages. On Wednesday, he read 9 pages. How many pages did he read altogether?
A. 39 pages C. 46 pages
B. 36 pages D. 53 pages
- Mrs. Muñoz has a lot of students who love to buy lunch. One day, 13 kids bought lunch. Another day, 18 kids bought lunch. How many kids bought lunch altogether?
A. 31 kids C. 22 kids
B. 5 kids D. 21 kids



Diagnostic Test (cont.)

Directions: Circle the best answer for each of the following questions.

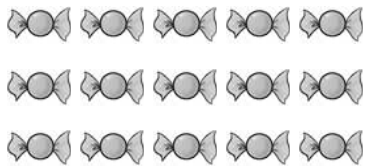
6. Simon and Jackson wanted to buy snacks at the movies. They had \$20 to spend. Their food cost \$12. How much money did they have left?
- A. \$8
 - B. \$32
 - C. \$18
 - D. \$12
7. The tickets for the movie would normally cost \$15. Simon and Jackson got a bargain matinee price for \$8. How much did the boys save?
- A. \$23
 - B. \$7
 - C. \$8
 - D. \$11
8. Alice and Bob decided to race across the school field. Alice made it 47 metres, but Bob made it 62 metres. How much farther did Bob go?
- A. 25 metres
 - B. 82 metres
 - C. 35 metres
 - D. 15 metres
9. Jessica and Frankie went to a roller rink. They skated together for a long time. Jessica skated 56 times around. Frankie skated 39 times around. How many more times did Jessica go around the roller rink?
- A. 23 more times
 - B. 71 more times
 - C. 13 more times
 - D. 17 more times
10. Hayden and Paula collected cars to play with and trade. Hayden made a pile with 61 cars. Paula had 42 cars in her pile. How many more cars did Hayden have than Paula?
- A. 21 cars
 - B. 20 cars
 - C. 19 cars
 - D. 29 cars



Diagnostics Test *(cont.)*

Directions: Circle the best answer for each of the following questions.

11. There are 5 kids outside eating candy. They share 15 pieces of candy equally. How many pieces of candy does each kid get?



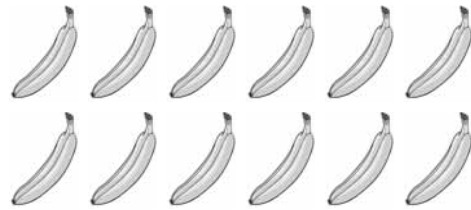
- A. 2
- B. 10
- C. 5
- D. 3

12. Which picture below shows 10 stars divided into 5 equal groups?



13. There are 12 pieces of pie. Each person will get 2 slices. How many people are eating pie?
- A. 10 people
 - B. 4 people
 - C. 6 people
 - D. 8 people

Use the picture below to answer questions 14 and 15.



14. The 4 members of the Sanders family want to share bananas. There are 12 bananas. How many does each family member get if they get an equal amount?
- A. 3 bananas
 - B. 4 bananas
 - C. 20 bananas
 - D. 8 bananas

15. Imagine that only 2 people in the Sanders family now want bananas. How many would each person get if they get an equal amount?
- A. 4 bananas
 - B. 6 bananas
 - C. 12 bananas
 - D. 8 bananas



Diagnostics Test *(cont.)*

Directions: Circle the best answer for each of the following questions.

Use the pattern below to answer questions 16 and 17.

16. Sasha realizes that her quilt has a pattern.



Which shape comes next in the pattern?

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

17. Which shape will be the 12th shape in the pattern?

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

Use the pattern below to answer questions 18 and 19.



18. Look at the pattern above. Which classroom object will come next?

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

19. Which classroom object would be 9th in the pattern?

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

20. Look at the chart. Which table should be cleaning the classroom on Day 9?

Day	1	2	3	4	5	6	7	8	9
Table	1	2	3	4	1	2			





- A. Table 1
- B. Table 2
- C. Table 3
- D. Table 4







Diagnostic Test (cont.)

Directions: Circle the best answer for each of the following questions.





21. Which of the following shapes is an octagon?

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


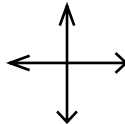
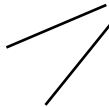
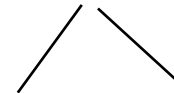
22. Which of the following shapes has 4 vertices?

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

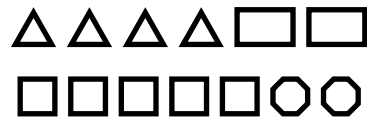
23. Which of the following shapes has parallel lines?

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

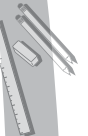
24. Which of the following pairs of lines is parallel?

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

25. How many shapes have 4 sides and vertices?



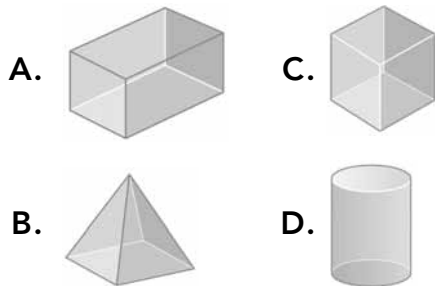
- A. 5 shapes
- B. 4 shapes
- C. 6 shapes
- D. 7 shapes



Diagnostic Test *(cont.)*

Directions: Circle the best answer for each of the following questions.

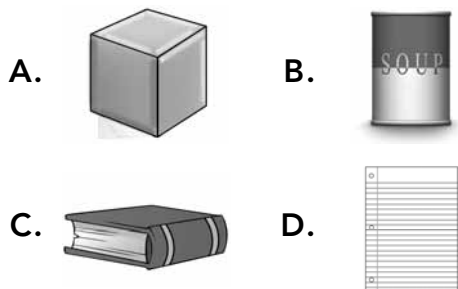
26. Which of the following shapes is a pyramid?



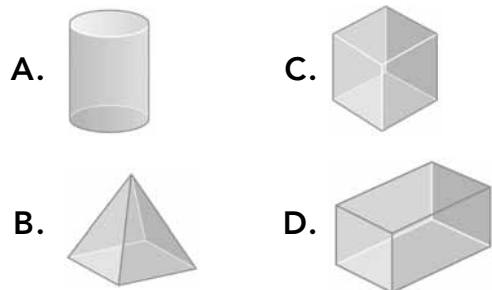
27. How many faces are found on a cylinder?

- A. 2 faces
- B. 3 faces
- C. 4 faces
- D. 8 faces

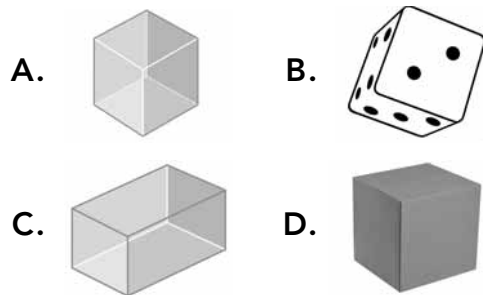
28. Which of these objects is not three-dimensional?



29. Which three-dimensional shape has 6 equal sides?



30. Which picture below is NOT a cube?

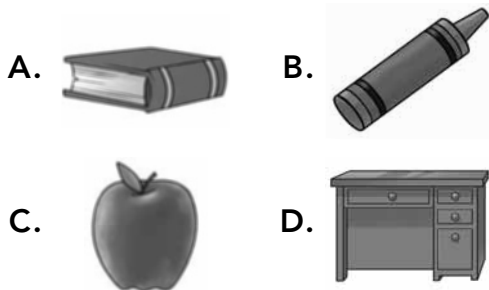




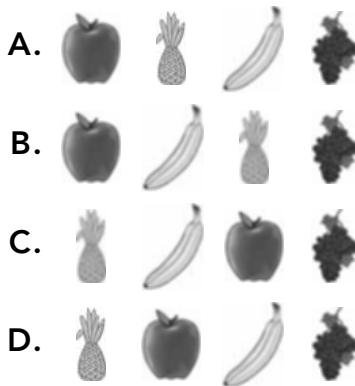
Diagnostic Test (cont.)

Directions: Circle the best answer for each of the following questions.

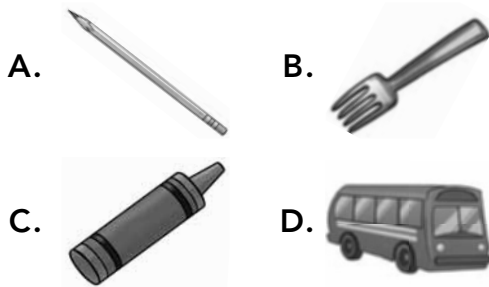
31. Which picture shows the item that weighs the most?



32. What is the correct order of food weight, from heaviest to lightest?

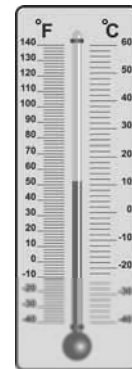


33. Which object is the longest?

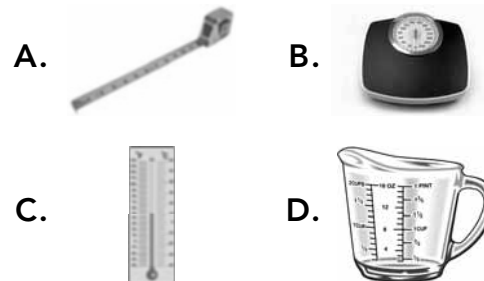


34. Read the thermometer. What temperature does it show?

- A. 10 °C
- B. 14 °C
- C. 7 °C
- D. 16 °C



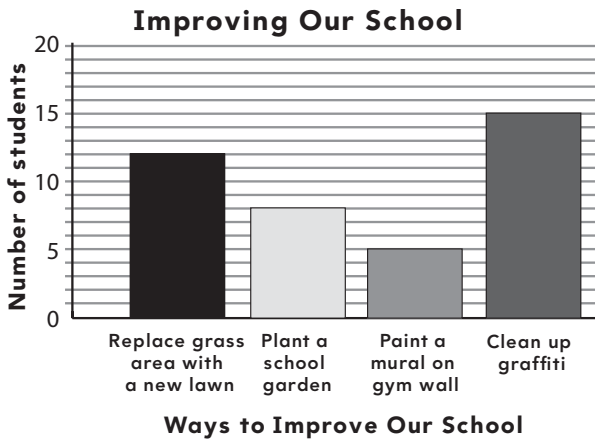
35. If you want to know how much you weigh, which tool could you use to measure weight?



Diagnostic Test (cont.)

Directions: Circle the best answer for each of the following questions.

Use the graph below to answer questions 36–38.

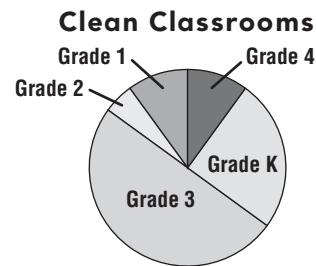


The students in Mrs. Blank's class make a chart to show how they would like to improve the outside area of their school. The graph shows the number of students that want to see the school improved in a variety of ways.

- 36.** Which suggestion is the most popular?
- replace grass area
 - plant a school garden
 - paint a mural
 - clean up graffiti
- 37.** How many kids want to plant a school garden?
- 12 kids
 - 8 kids
 - 9 kids
 - 13 kids

- 38.** How many more kids want to clean up graffiti than paint a mural?
- 8 kids
 - 9 kids
 - 10 kids
 - 1 kid

Use the graph below to answer questions 39–40.



The students at Brook Avenue School are having a contest. Each grade is working hard to pick up trash after school. They collect their trash and compare how much they have gathered.

- 39.** Which grade collected the same amount of trash?
- Grades K and 3
 - Grades K and 4
 - Grades 1 and 4
 - Grades 1 and 2
- 40.** Which grade collected the least amount of trash?
- Grade 2
 - Grade 1
 - Grade 3
 - Grade 4