

**MATH ASSESSMENT (ENDLINE – GRADES 4-5)**

Learning Lab RCT #0

Abdul Latif Jameel Poverty Action Lab (J-PAL) South Asia

1. School ID: \_\_\_\_\_

2. Student ID: \_\_\_\_\_

3. Grade:

- a. Grade 4
- b. Grade 5

4. Section:

- a. A
- b. B

5. Date (dd/mm/yy): \_\_\_\_/\_\_\_\_/\_\_\_\_

1.  $243 + 176 = \underline{\hspace{2cm}}$

- a. 419
- b. 67
- c. 70
- d. 914

2.  $48 \times 5 = \underline{\hspace{2cm}}$

- a. 200
- b. 240
- c. 420
- d. 500

3.  $27 \div 3 = \underline{\hspace{2cm}}$

- a. 9
- b. 3
- c. 24
- d. 30

4.  $49 - 28 = \underline{\hspace{2cm}}$

- a. 77
- b. 21
- c. 19
- d. 20

5.  $45 \div 15 = \underline{\hspace{2cm}}$

- a. 3
- b. 30
- c. 5
- d. 675

6. Which digit is in the hundreds place in 2345?

- a. 2
- b. 3
- c. 4
- d. 5

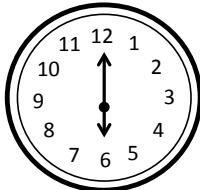
7.  $5,631 + 286 = \underline{\hspace{2cm}}$

- a. 5,917
- b. 5,971
- c. 297,631
- d. 5.971

8.  $35,678 - 29,142 =$

- a. 16,536
- b. 64,820
- c. 54,736
- d. 6,536

9. What time is this clock showing?



- a. Half past twelve
- b. Six o'clock
- c. Half past six
- d. Twelve o'clock

10. The unit “grams” could be used to tell:

- a. The number of mangoes in a box
- b. The space occupied by a book
- c. How heavy your pencil box is
- d. The thickness of a dictionary

11. Shaheen has 2 pencil boxes. Each box has 5 pencils. How will you find the total number of pencils in the two pencil boxes?

- a.  $2 + 5$
- b.  $5 - 2$
- c.  $2 \times 5$
- d.  $2 + 2$

12. What is 25% of 200?

- a. 25
- b. 50
- c. 100
- d. 18.30

13. Ruchika and Sharanya are answering a paper containing 100 very simple questions. For each 5 correct answers, one gets a chocolate. As per the rule and the results, Ruchika got 15 chocolates and Sharanya got 10 chocolates.

Which of the following is true?

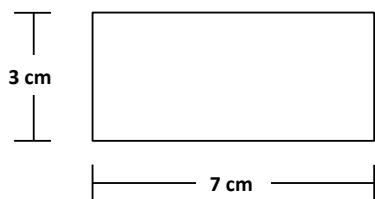
- a. Ruchika got 5 more questions right than Sharanya
- b. Ruchika got 10 more questions right than Sharanya
- c. Ruchika got 25 more questions right than Sharanya
- d. Ruchika got 1 more question right than Sharanya

14.  $64 \div \diamond = \diamond$ .

In this equation,  $\diamond$  stands for the same number. What does  $\diamond$  stand for?

- a. 4
- b. 8
- c. 16
- d. 32

15. What is the perimeter of this rectangle?



- a. 7 cm
- b. 10 cm
- c. 20 cm
- d. 21 cm

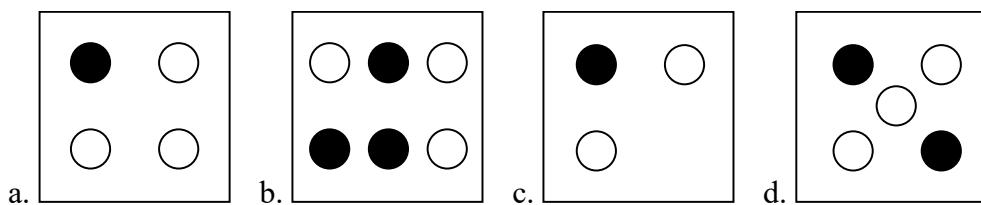
16. Three boys went to a market. They spent 5 Rupees each. How much did the three boys spend in total?

- a. 5
- b. 10
- c. 20
- d. 15

17. Which of these is the largest number?

- a. 2,735
- b. 2,537
- c. 2,573
- d. 2,753

18. In which figure are one-half of the dots black?

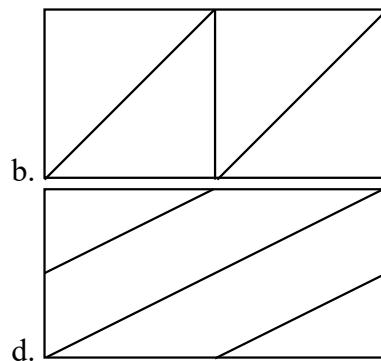
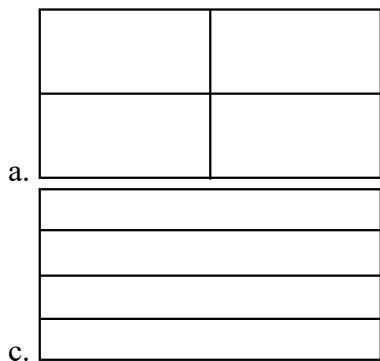


**19. What is the missing number in the box?**

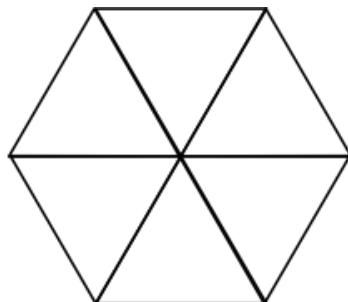
$$3 \times \square = 3 + 3 + 3 + 3$$

- a. 3
- b. 4
- c. 5
- d. 12

**20. Which rectangle is NOT divided into 4 equal parts?**



**21. The hexagon below is divided into six \_\_\_\_\_.**



- a. Triangles
- b. Squares
- c. Pentagons
- d. Rectangles

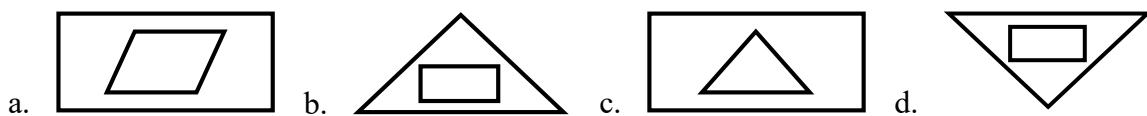
22. Here is a calendar for the month of December.

December						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Santosh's birthday is on Thursday, December 2. He is going on a trip exactly 3 weeks later. On what day will he go on the trip?

- a. December 16th
- b. December 21st
- c. December 23rd
- d. December 30th

23. Which of the following shapes has a rectangle with a triangle inside it?



24. This chart shows temperature readings made at different times on four days.

Temperatures					
	6 a.m.	9 a.m.	Noon	3 p.m.	8 p.m.
Monday	15°	17°	20°	21°	19°
Tuesday	15°	15°	15°	15°	9°
Wednesday	8°	10°	14°	14°	15°
Thursday	8°	11°	14°	14°	20°

When was the highest temperature recorded?

- a. Noon on Monday
- b. 3 p.m. on Monday
- c. Noon on Tuesday
- d. 3 p.m. on Wednesday

**25. What is the total value of notes and coins in this picture?**



- a. 50 Rupees
- b. 53 Rupees
- c. 65 Rupees
- d. 75 Rupees

**26. What is the total bill amount?**

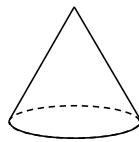
Kamal Stationery			
24, Ghandi Road, Ahmedabad			
Goods	Price	Qty.	Amount
Rubber	2.00	5	10.00
Ruler	1.50	1	1.50
Pencil	3.00	1	3.00
Chalk box	15.00	1	15.00
Total Rs.			?
For, Kamal Stationery			

- a. Rs. 10.00
- b. Rs. 21.50
- c. Rs. 29.00
- d. Rs. 29.50

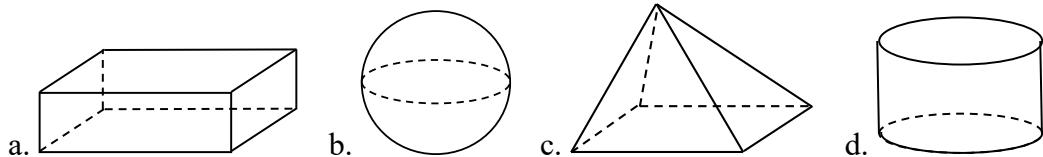
**27. What is  $769 \div 6$ , rounded to two decimal places?**

- a. 126.33
- b. 123.67
- c. 128.17
- d. 127.83

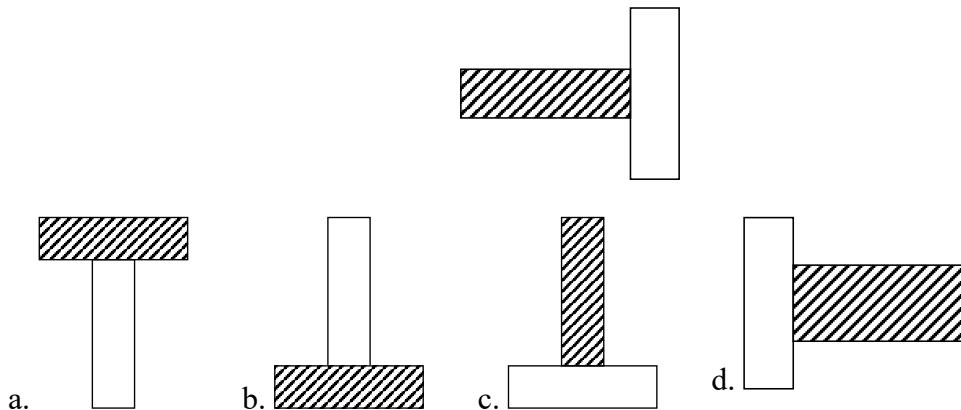
28. Here is a cone. Part of its surface is flat and part of its surface is curved.



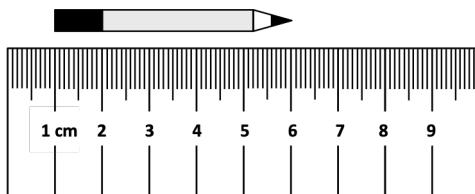
Which of the following pictures also has a flat surface and a curved surface?



29. Which of the following shapes needs to be turned to get the shape above?



30. The length of this pencil is:

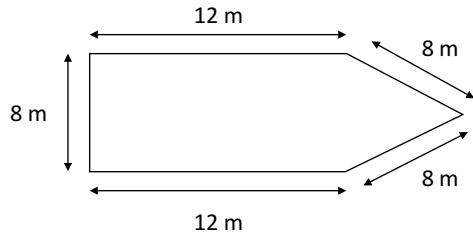


- a. 4 cm
- b. 5 cm
- c. 6 cm
- d. 7 cm

**31. Bhuvana leaves home and rides her bicycle to school 9 kilometers away. She rides at a rate of 3 kilometers in 10 minutes. How long will it take her to get to school?**

- a. 13 minutes
- b. 33 minutes
- c. 10 minutes
- d. 30 minutes

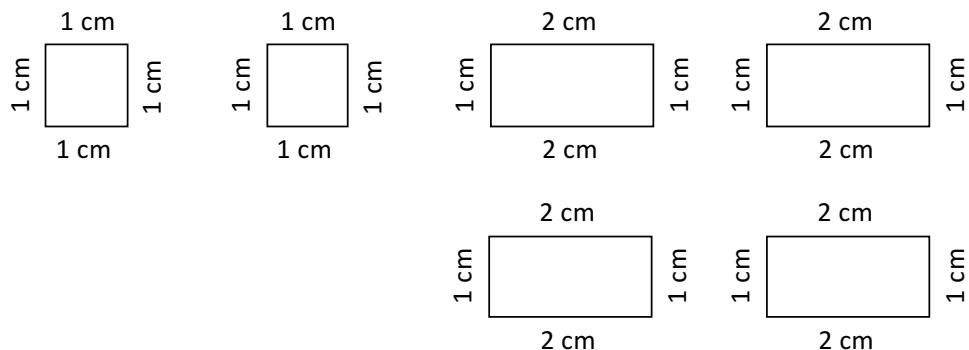
**32. Karthik wants to build a fence around his land, which looks as follows:**



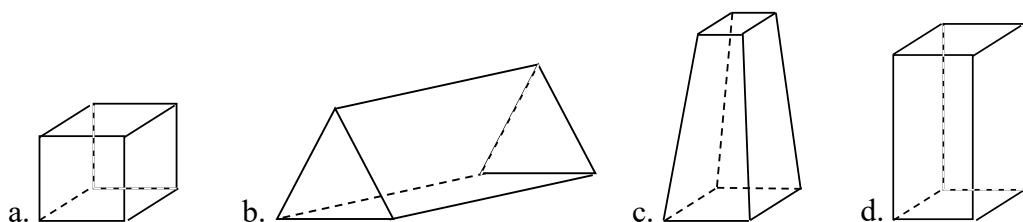
**How many meters of fence does he need?**

- a. 20 meters
- b. 24 meters
- c. 48 meters
- d. 96 meters

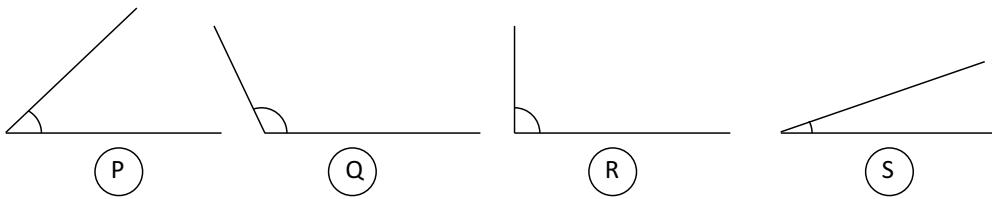
**33. Shobhini has six pieces of cardboard, which look as follows:**



**Which of the following shapes could Shobhini put together using all of her pieces of cardboard and without having to cut any of them?**



**34. Which of the following options sorts the angles from smallest to largest?**



- a. Q, P, R, S
- b. Q, R, P, S
- c. S, P, R, Q
- d. S, R, P, Q

**35. At 7am, the temperature was 12 degrees. Then, it increased by 2 degrees per hour. At 11am, the temperature was 20 degrees.**

**What was the temperature at 9am?**

- a. 14 degrees
- b. 15 degrees
- c. 16 degrees
- d. 17 degrees