

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. $243 + 176 =$ _____
 - a. 419
 - b. 67
 - c. 70
 - d. 914

2. $48 \times 5 =$ _____
 - a. 200
 - b. 240
 - c. 420
 - d. 500

3. $27 \div 3 =$ _____
 - a. 9
 - b. 3
 - c. 24
 - d. 30

4. $49 - 28 =$ _____
 - a. 77
 - b. 21
 - c. 19
 - d. 20

5. $45 \div 15 =$ _____
 - a. 3
 - b. 30
 - c. 5
 - d. 675

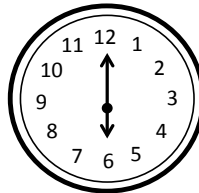
6. Which digit is in the hundreds place in 2345?
 - a. 2
 - b. 3
 - c. 4
 - d. 5

7. $5,631 + 286 =$
 - 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. 2×5
- 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?

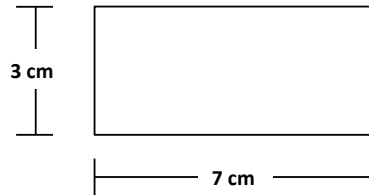
- a. Ruchika got 5 more questions right than Sharanya
- b. Ruchika got 10 more questions right than Sharanya
- c. Ruchika got 25 more questions right than Sharanya
- d. Ruchika got 1 more question right than Sharanya

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

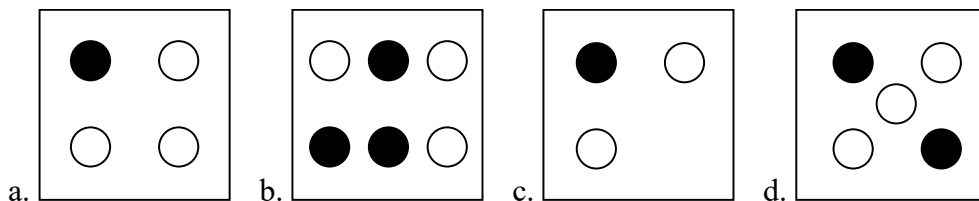
16. Three boys went to a market. They spent 5 Rupees each. How much did the three boys spend in total?

- 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?

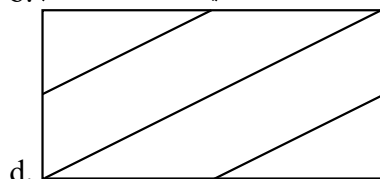
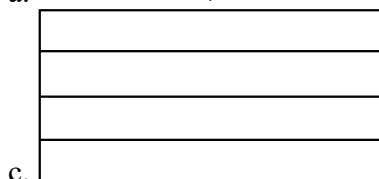
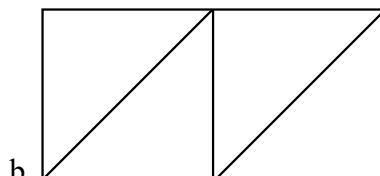
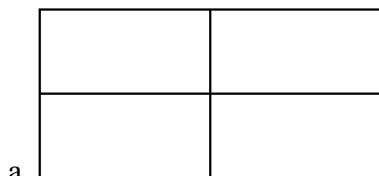


19. What is the missing number in the box?

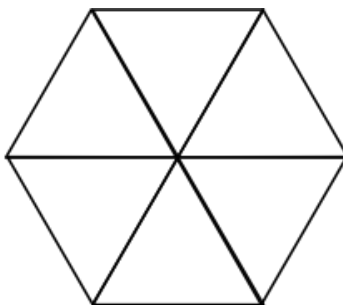
$$3 \times \square = 3 + 3 + 3 + 3$$

- 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

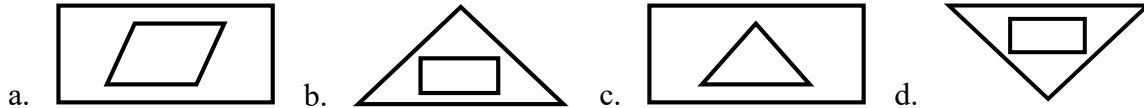
22. Here is a calendar for the month of December.

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?

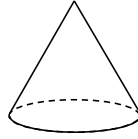
Kamal Stationery 24, Ghandi Road, Ahmedabad			
Goods	Price	Qty.	Amount
Rubber	2.00	5	10.00
Ruler	1.50	1	1.50
Pencil	3.00	1	3.00
Chalk box	15.00	1	15.00
Total Rs.			?
For, Kamal Stationery			

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

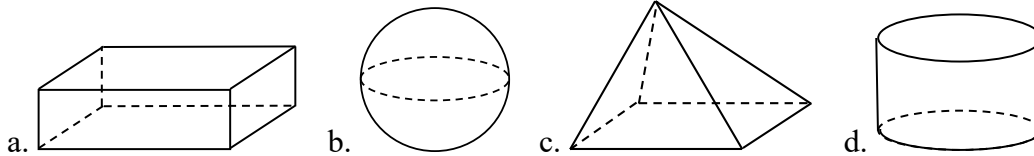
27. What is $769 \div 6$, rounded to two decimal places?

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

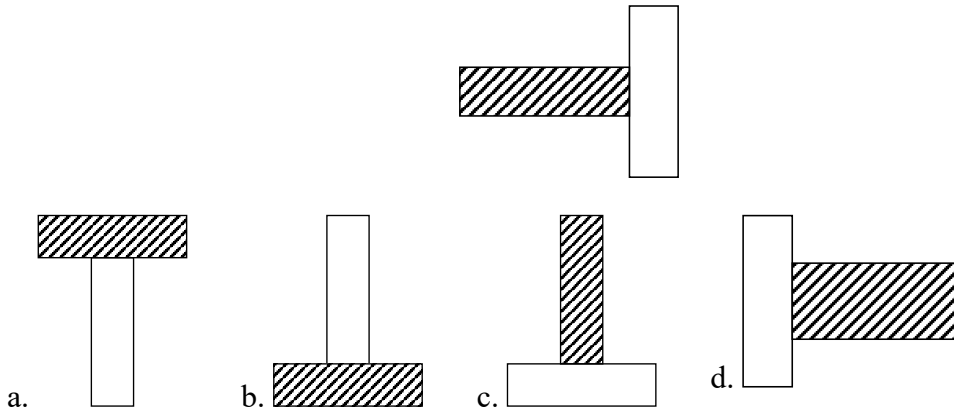
28. Here is a cone. Part of its surface is flat and part of its surface is curved.



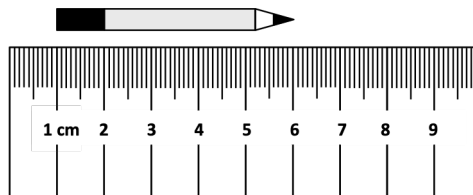
Which of the following pictures also has a flat surface and a curved surface?



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



30. The length of this pencil is:

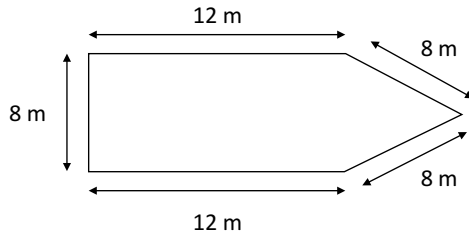


- a. 4 cm
- b. 5 cm
- c. 6 cm
- d. 7 cm

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

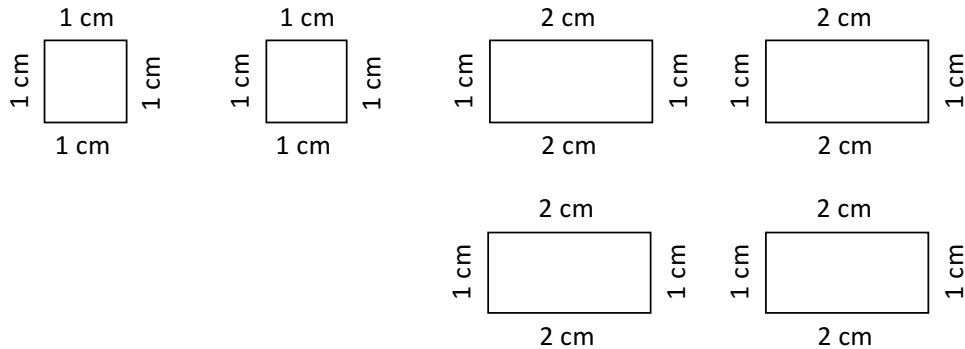
32. Karthik wants to build a fence around his land, which looks as follows:



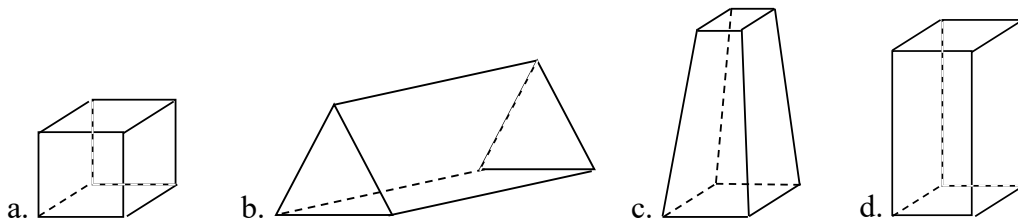
How many meters of fence does he need?

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

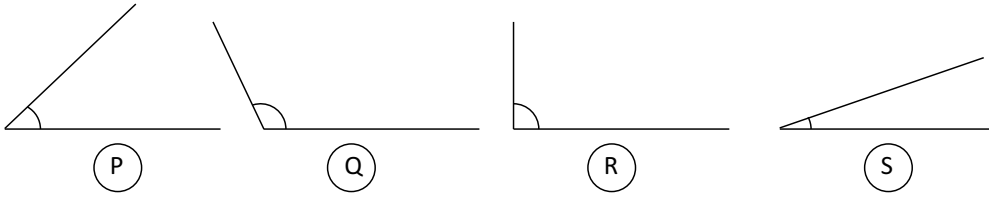
33. Shobhini has six pieces of cardboard, which look as follows:



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