

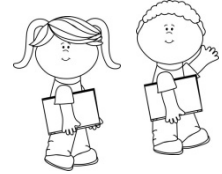
MATH ASSESSMENT (BASELINE)

Impact Evaluation of Science Education Initiative's Fellowship Program
Abdul Latif Jameel Poverty Action Lab (J-PAL) South Asia

TO BE FILLED IN BY STUDENT

1. Student

Name:



2. School ID: _____

3. School Region:

A. Aundh

B. Bibwewadi

C. Karvenagar

D. Sahakarnagar

E. Shivajinagar

F. Yerawada

4. Fellow ID (who is conducting test):

5. Grade:

A. Grade 5

B. Grade 6

6. Date (day/month/year): ____ / ____ / ____

TO BE FILLED IN BY SEI FELLOW

7. Student ID: _____

1. $52 - 7 =$ _____

A. 59

C. 45

B. 25

D. 364

2. $243 + 176 =$ _____

A. 419

C. 70

B. 67

D. 914

3. $48 \times 5 =$ _____

A. 200

C. 420

B. 240

D. 500

4. $15 \times 9 =$ _____

A. 145

C. 140

B. 130

D. 135

5. $27 \div 3 =$ _____

A. 9

C. 24

B. 3

D. 30

6. $6 \div 3 =$ _____

A. 2

C. 1

B. 3

D. 6

7. $49 - 28 =$ _____

A. 77

C. 19

B. 21

D. 20

8. $45 \div 15 =$ _____

A. 3

C. 5

B. 30

D. 675

9. $18.23 - 0.2 =$ _____

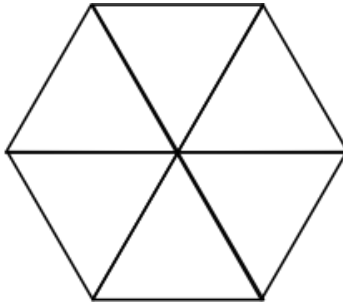
A. 18.21

C. 18.30

B. 12.23

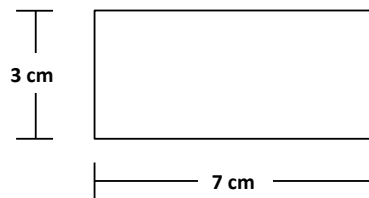
D. 18.03

10. The hexagon below is divided into six _____.



- | | |
|--------------|---------------|
| A. Triangles | C. Pentagons |
| B. Squares | D. Rectangles |
-

11. What is the perimeter of this rectangle?



- | | |
|----------|----------|
| A. 7 cm | C. 20 cm |
| B. 10 cm | D. 21 cm |
-

12. $112 + 45 + 467 =$ _____

- | | |
|--------|--------|
| A. 157 | C. 579 |
| B. 512 | D. 624 |
-

13. 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 | C. Noon on Tuesday |
| B. 3 p.m. on Monday | D. 3 p.m. on Wednesday |

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

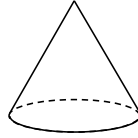
In this equation, $\diamond$ stands for the same number. What does $\diamond$ stand for?

- | | |
|------|-------|
| A. 4 | C. 16 |
| B. 8 | D. 32 |

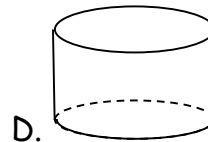
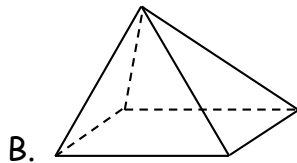
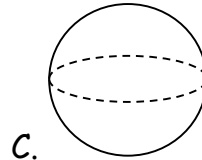
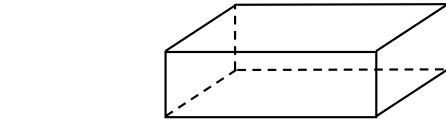
15. Three boys went to a market. They spent 5 Rupees each. How much did the three boys spend in total?

- | | |
|-------|-------|
| A. 5 | C. 20 |
| B. 10 | D. 15 |

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



Which of these solids also has a flat surface and a curved surface?



17. 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

18. What is the missing number in 16, 15, 14, ____, 12, 11, 10?

- A. 15
- B. 17

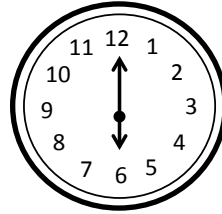
- C. 12
- D. 13

19. $35,678 - 29,142 =$ _____

- A. 16,536
- B. 64,820

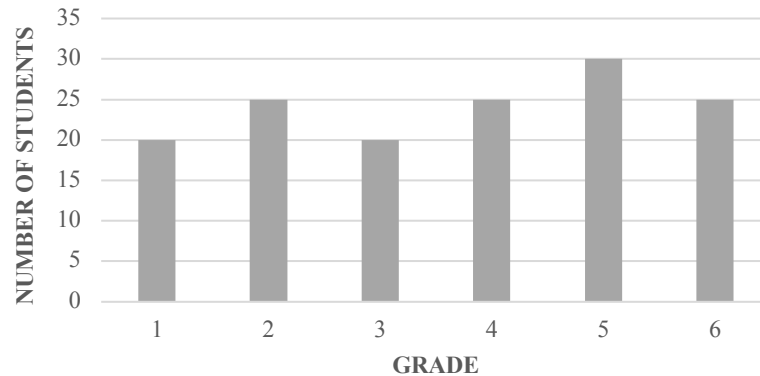
- C. 54,736
- D. 6,536

20. What time is this clock showing?



- A. Half past twelve
B. Six o'clock
C. Half past six
D. Twelve o'clock

21. The graph shows the number of students enrolled in each grade at a school.



At this school, there is room in each grade for 30 students. How many more students could be in school?

- A. 20
B. 25
C. 30
D. 35

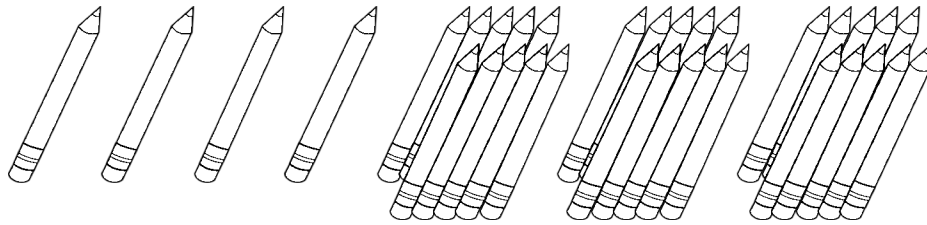
22. Which of the following is true?

- A. $69 = 6 + 9$
B. $69 = 6 + 90$
C. $69 = 60 + 9$
D. $69 = 60 + 90$

23. There were 18 birds sitting on a tree. 12 of them flew away. Then, 6 more flew away. How many birds are left on the tree?

- A. 6 birds
B. 12 birds
C. 0 birds
D. 1 bird

24. In the picture below, there are some loose pencils and there are some pencils in bundles. Each bundle has 10 pencils.



How many pencils are there in all in the picture?

- A. 7
B. 34
C. 30
D. 19

25. Which of these could be the weight of an adult?

- A. 1 kg
B. 6 kg
C. 60 kg
D. 600 kg

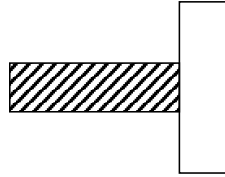
26. See the pattern of numbers in the chart below:

	Column 1	Column 2	Column 3	Column 4	Column 5
Row 1	4	8	12	16	20
Row 2	24	28	32	36	40
Row 3	44	48	52	56	60
Row 4	64	68	72	76	80
Row 5					

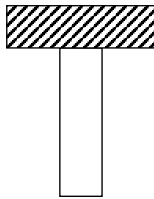
Which of these is the correct way of finding the number that will appear just below 64 in column 1?

- A. Adding 1 to 64
B. Adding 4 to 64
C. Adding 20 to 64
D. Adding 44 to 64

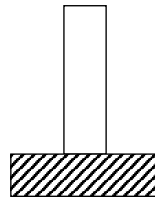
27. Which of the following shapes needs to be turned to get the shape above?



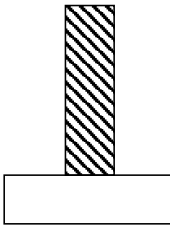
A.



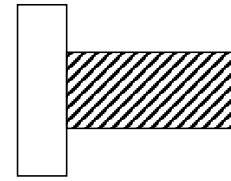
B.



B.



D.



28. 1 meter is equal to _____ centimeters.

A. 100

C. 10

B. 1

D. 1000

29. 4 glasses fill a jug. _____ glasses fill two jugs.

A. 4

C. 8

B. 6

D. 10

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

A. 2

C. 4

B. 3

D. 5