Math Baseline Test
Grades 4 and 5

1. Name of the Mindspark center:

2. Center ID:

3. Name of the student:

4. Student ID:

1. Write the correct answer in the space:

$$48 \quad \times \quad 5 \quad = \quad \boxed{}$$

    A. 200
    B. 240
    C. 420
    D. 500

2. Write the correct answer in the space:

$$52 \quad - \quad 7 \quad = \quad \boxed{}$$

    A. 59
    B. 25
    C. 45
    D. 364

3. Write the correct answer in the space:

$$243 \quad + \quad 176 \quad = \quad \boxed{}$$

    A. 419
    B. 67
    C. 70
    D. 914

4. Write the correct answer in the space:

$$27 \quad \div \quad 3 \quad = \quad \boxed{}$$

    A. 9
    B. 3
    C. 24
    D. 30
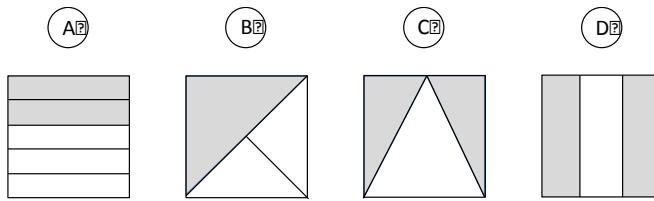
5. Write the correct answer in the space:

$$49 \quad - \quad 28 \quad = \quad \boxed{}$$

    A. 77
    B. 21
    C. 12
    D. 39

6. Which shows $\frac{2}{3}$ of the square shaded?

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

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

8. It takes Diksha 4 minutes to wash a window. She wants to know how many minutes it will take her to wash 8 windows at this rate. She should:

    A. multiply 4×8
    B. divide 8 by 4
    C. subtract 4 from 8
    D. add 8 and 4

9. Which of these could be the weight (mass) of an adult?

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

10. 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

11. Here is a calendar for 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
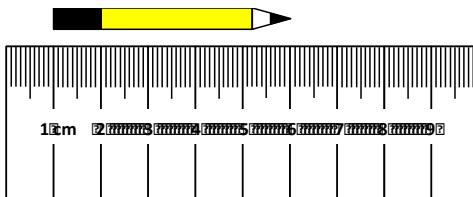
12. What number should be put in the empty box to get the subtraction problem correct?

$$
\begin{array}{r@{\;}c@{\;}c}
 & \boxed{} & 6 \\
- & 3 & 7 \\
\hline
 & 1 & 9 \\
\end{array}
$$

    A. 1
    B. 2
    C. 4
    D. 5

13. The length of this pencil is about _____.

    A. 4 cm
    B. 5 cm
    C. 6 cm
    D. 7 cm

14. See the pattern of numbers in the number 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
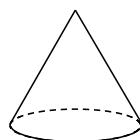
15. The unit "grams" could be used to tell:
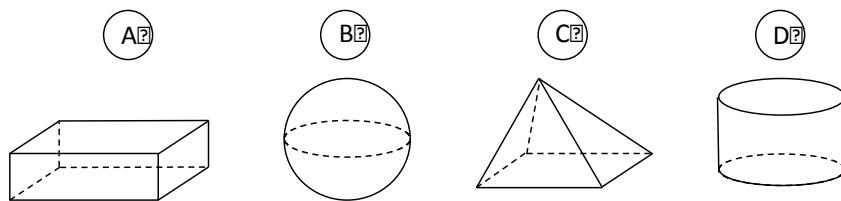
   A. the number of mangoes in a box
   B. the space occupied by a book
   C. how heavy your pencil box is
   D. the thickness of a dictionary

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. Which of these has the same value as 342?

   A. $3000 + 400 + 2$
   B. $300 + 40 + 2$
   C. $30 + 4 + 2$
   D. $3 + 4 + 2$

18. 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. $2 + 2$
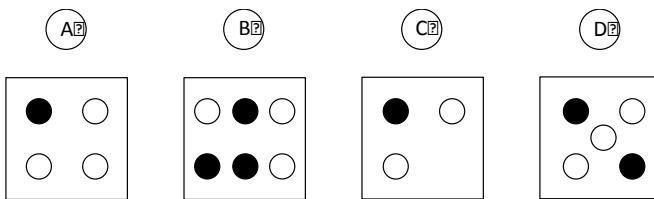
19. Write the appropriate number in the box.

$$19 \quad + \quad \boxed{} \quad = \quad 32$$

    E. 12
    F. 3
    G. 31
    H. 13

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

21. Fill in the missing numbers.

16, 15, 14, ___, 12, 11, 10

    A. 15
    B. 17
    C. 12
    D. 13

22. Fill in the appropriate number in the box.

$$3 \quad \times \quad \boxed{} \quad = \quad 3 \; + \; 3 \; + \; 3 \; + \; 3$$

    A. 3
    B. 4
    C. 5
    D. 12
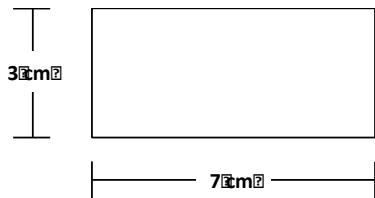
23. The temperature at 7 a.m. one morning was 12°C. It increased by 2°C every hour until it reached 20°C at 11 a.m. What was the temperature at 9 a.m.?

    A. 14°C
    B. 15°C
    C. 16°C
    D. 17°C

24. What is the perimeter of this rectangle?

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

25. 64 ÷ ■ = ■

In this number sentence, ■ stands for the same number. What number does ■ stand for?

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

26. 6 ÷ 3 =

    A. 3
    B. 2
    C. 6
    D. 1

27. Which of these is the name for 9740?

    A. Nine thousand seventy four
    B. Nine thousand seven hundred forty
    C. Nine thousand sixty four hundreds
    D. Nine hundred seventy thousand

28. $112 + 45 + 467 =$

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

29. Write the number that comes between:

$$18, \_\_\_ , 20$$

    A. 18
    B. 19
    C. 20
    D. 21

30. $18.23 - 0.2 =$

    A. 18.03
    B. 18.21
    C. 16.23
    D. 18.30
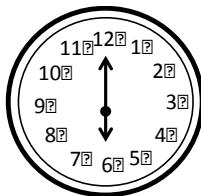
31. 25% of 200

    A. 25
    B. 50
    C. 100
    D. 18.30
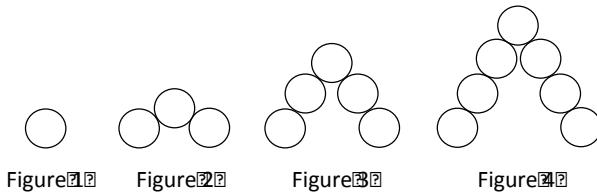
32. What time is this clock showing?

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

33. A sequence of four figures is shown below:

Figure 1   Figure 2   Figure 3   Figure 4

What number is missing from the table below?

Figure	Number of circles
1	1
2	3
3	5
4	

    A. 4
    B. 7
    C. 6
    D. 9

34. $5{,}631 + 286 =$

    A. 5,917
    B. 5,971
    C. 297,631
    D. 5.971

35. $35678 - 29142 =$

       A. 16536
       B. 64820
       C. 54736
       D. 6536