Examrace

▶ Examrace 422K

NSTSE Class 4 Question Paper 2016 Part 1

1. Identify the shape based on the description given.

Image Shows Description About Shape

(A) A square

(B) A parallelogram

(C) A triangle

(D) A rectangle

2. Which digit is in the hundreds place of the sum of the first five common multiples of 4 and 8?

(A) 2

(B) 0

(C) 4

(D) 1

3. Mona spent $\frac{2}{3}$ of her savings on a handbag and $\frac{3}{4}$ of the remainder on a book. What fraction of her savings had she left?

(A) $\frac{1}{12}$

(B) $\frac{1}{6}$

(C) $\frac{1}{3}$

(D) $\frac{1}{4}$

4. Find the difference obtained when the sum of 3982 and 6853 is subtracted from 35000.

(A) 31018

(B) 24165

(C) 37861

(D) 10835

5. Find the simplest form of the sum of $\frac{4}{18}$ and $\frac{4}{9}$.

(A) $\frac{12}{18}$

(B) $\frac{2}{3}$

(C) $\frac{8}{18}$

(D) $\frac{2}{6}$

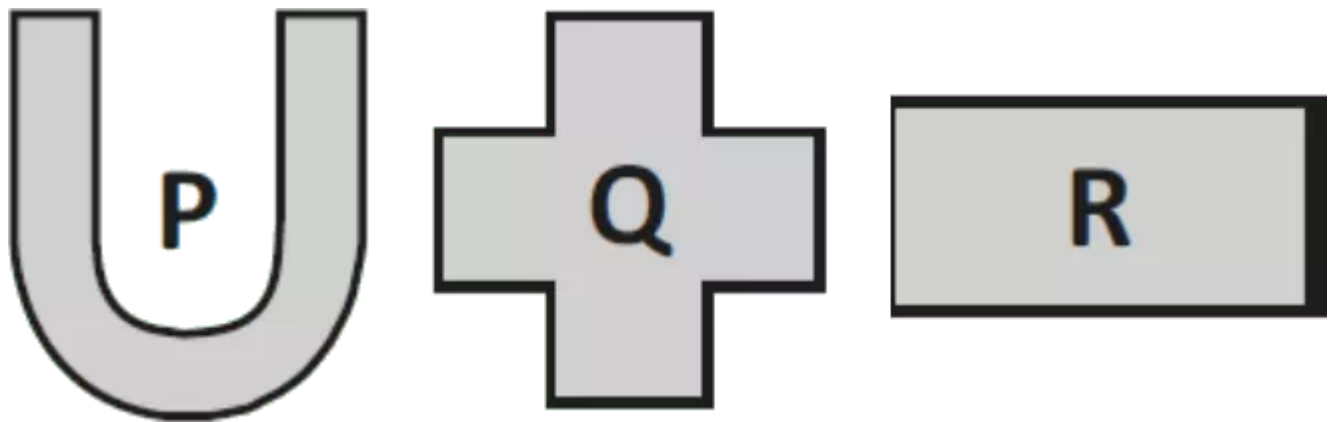6. Which option has exactly two lines of symmetry?

Image Shows P, Q, R That Has Exactly Two Lines of Symmetry

(A) Only P

(B) Only Q

(C) Only R

(D) Both Q and R

7. Find the product obtained when the difference between 12030 and 8107 is multiplied by 37.

(A) $3923 \, x \, 30 - 3923 \, x \, 7$

(B) $(3900 + 23) \, x \, (40 - 3)$

(C) $3923 \, x \, 40 + 3923 \, x \, 3$

(D) 3923

8. Find the sum of second common multiple and first common multiple of 4 and 5.

(A) 60

(B) 40

(C) 0

(D) 20

9. The figure given shows two identical rectangles, each measuring 8 cm by 4 cm, overlapping one another. The shaded area is $\frac{1}{4}$ of each rectangle.
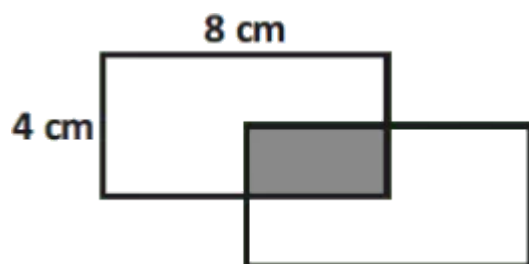

Image Figure Shows Two Identical Rectangles

Find the perimeter of the unshaded part of the figure.

(A) 34 cm

(B) 36 cm

(C) 28 cm

(D) 26 cm

10. How many "x" symbols are needed to represent the statement "$25 + 14 = 39$" in Roman system?

(A) 7

(B) 6

(C) 4

(D) 10

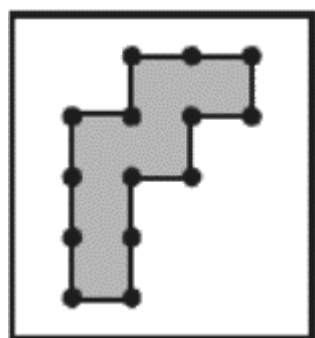11. How many meters of wire fencing is needed if each post is 6 m apart?

Image Shows Wire Fencing

(A) 66 m

(B) 72 m

(C) 78 m

(D) 84 m

12. Find the ascending order of **XX, XXXVI and V**.

(A) **V, XXXVI, XX**

(B) **XX, V, XXXVI**

(C) **V, XX, XXXVI**

(D) **XXXVI, XX, V**

13. Giri had 90 more marbles than John. He lost 15 marbles while John lost 36 marbles. Giri then gave John 66 marbles. How many more marbles did John have than Giri in the end?

(A) 9

(B) 30

(C) 21

(D) 39

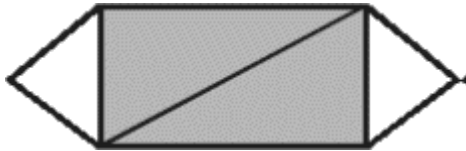14. How many line segments are there in the given figure?

Image Figure Shows Line Segments

(A) 12

(B) 9

(C) 8

(D) 6

15. Sonu is 4 years younger than Tanya. Three year ago, Sonu was 10 years old. How old is Tanya now?

(A) 13

(B) 20

16. Observe the number pattern given. Which of the following is the 5th number in the pattern?

121, 12321, 1234321, 123454321, …

Image Shows the Number Pattern

(A) 123454321

(B) 1234656432

(C) 12345654321

(D) 1234421

17. Aneesh spent $\frac{3}{7}$ of his money on a shirt and $\frac{1}{2}$ of the remainder on a pair of trousers. If he had Rs.23 left, how much did Aneesh spend altogether?

(A) Rs.23

(B) Rs. 57.50

(C) Rs.52.50

(D) Rs.80.50

18. Kranthi leaves for school at 6:35 a.m. If he takes 35 minutes to walk to school, what time will he arrive in school?

(A) 7:35 a.m.

(B) 7:20 a.m.

(C) 7:10 a.m.

(D) 7:00 a.m.

19. Observe the given graph. On Saturdays, the school functions from 8 a.m. to 12 noon. For how long can the students play on a Saturday?
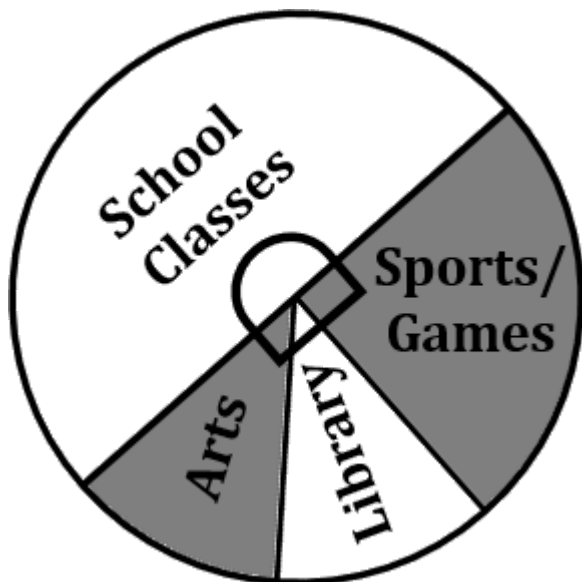

Image Graph Shows Schedules of School

(A) 60 min

(B) 15 min

(C) 30 min

(D) 20 min

20. How many digits are zeroes in the product of $30 \times 40 \times 50 \times 60 \times 70$?

(A) 1

(B) 5

(C) 6

(D) 8