

DELHI PUBLIC SCHOOL JAMMU

SESSION:2018-19

REVISION SHEET (CYCLE TEST-II)

Topics: Multiples and Factors, Geometry, Fractions, Area and Perimeter

Class: IV

Subject: Mathematics

SECTION-A

Choose the correct option:

- Q1. _____ is the 7th multiple of 5.
a) 15 b) 35 c) 57
- Q2. _____ is the smallest odd prime number.
a) 3 b) 2 c) 1
- Q3. _____ is neither prime nor composite.
a) 10 b) 11 c) 1
- Q4. _____ is the greatest factor of 18.
a) 18 b) 6 c) 3
- Q5. A triangle in which two sides are equal is called an _____ triangle.
a) Equilateral b) Isosceles c) Scalene
- Q6. A _____ has only one end point.
a) line b) line segment c) ray
- Q7. If diameter of a circle is 40cm then its radius will be _____.
a) 40×2 b) $40 \div 2$ c) $40 + 2$
- Q8. A polygon with 3 sides is called a _____.
a) triangle b) square c) rectangle
- Q9. Fractions with different denominators are called _____ fractions.
a) like b) unlike c) mixed

SECTION-B

- Q10. Write four equivalent fraction of $\frac{3}{7}$.
- Q11. Write all the factors of 72.
- Q12. Find the diameter of a circle whose radius is 15cm.
- Q13. Find the perimeter of a rectangle whose length is 18cm and breadth is 6cm.
- Q14. Diameter of a circle is 42cm. Find its radius.
- Q15. Convert $3\frac{2}{5}$ into improper fraction.
- Q16. Reduce $\frac{25}{40}$ to its lowest term.

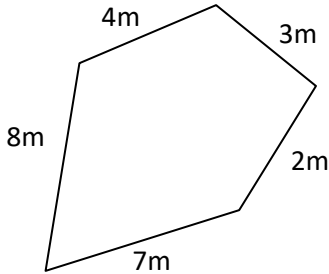
Q17. Find the side of the equilateral triangle whose perimeter is 69cm.

Q18. Ravi spent $\frac{1}{5}$ of his salary on food and $\frac{2}{5}$ on clothes. What fraction of his salary was spent?

SECTION-C

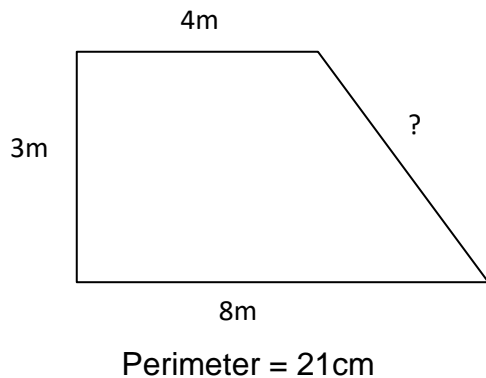
Q19. Find LCM of 24 and 30.

Q20. Find the perimeter of the given figure.



Q21. The LCM of 3 and 5 is 15. Find the next 5 common multiples.

Q22. Find the missing value of the given figure.



Q23. The length and breadth of a rectangular table is 355cm and 120cm. Find the area of the table.

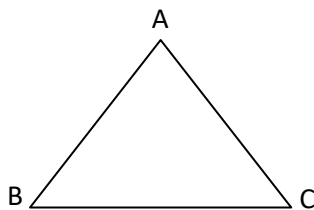
Q24. Convert the following into mixed fraction:

a) $\frac{35}{12}$

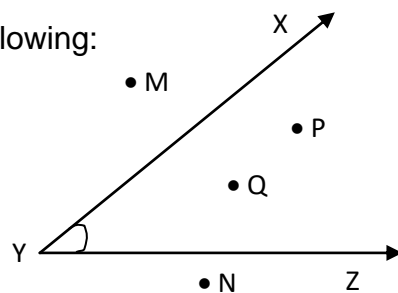
b) $\frac{17}{5}$

Q25. Arrange in ascending order: $\frac{8}{2}$ $\frac{8}{7}$ $\frac{8}{3}$ $\frac{8}{5}$ $\frac{8}{9}$

Q26. Look at the figures carefully and answer the following:



- Name the sides
- Name the vertices
- Name the angles



- Name the angle
- Name the arms
- Name the points in the interior of the angle

Q27. Find the common factors of 18 and 24.

SECTION-D

Q28. Find the prime factorisation of 56 using the factor tree method.

Q29. Solve the following:

- a) Write the multiples of 9 till 72.
- b) Write the prime numbers between 20 to 30.

Q30. Draw a circle of radius 2cm using a compass and mark the following:

- a) Centre O
- b) Radius OA
- c) Diameter PQ
- d) Chord XY

Q31. Find HCF of 16 and 20.

Q32. Check whether the following fractions are equivalent using cross multiplication method:

- a) $\frac{3}{8}$ and $\frac{7}{24}$
- b) $\frac{2}{3}$ and $\frac{18}{27}$

Q33. Arya bought $\frac{2}{5}$ m of ribbon and Dhanvika bought $\frac{1}{3}$ m of ribbon. Who bought longer ribbon and by how much?

Q34. The perimeter of a triangle is 75cm. Two sides of the triangle are 25cm and 18cm. Find the length of the third side.

Q35. A square field is of the length 45m. Find its perimeter and area.