



NEW AL WUROOD INTERNATIONAL SCHOOL, JEDDAH

CLASS VIII MATHEMATICS

WORK SHEET No 2

Fill In The Blanks

1. The additive inverse of $-3/5$ is _____
2. The multiplicative inverse of $4/7$ is _____
3. Diagonals of parallelogram _____ each other.
4. Adjacent angles of a parallelogram are _____.
5. Sum of interior angles of a polygon is _____
6. Sum of exterior angles of a polygon is _____
7. Minimum measurement required to construct a triangle is _____
8. Minimum measurement required to construct a quadrilateral is _____

Two Mark Qns

9. Represent $-2/5$ on a number line.
10. Find the sum of $2/7$ and $3/14$
11. Find the difference of $3/5$ and $7/5$
12. Find x if $13x+15= 7x$
13. Find the sum of interior angles of a hexagon.
14. Find the measure of each angle of a regular pentagon.

Three Mark Qns

15. Simplify $13/15 + 124/39$

16. Write three rational numbers between $7/5$ and $21/8$

17. Using the angle sum property of polygon to find the missing angles:

(i) $110^\circ, 90^\circ, 150^\circ, 102^\circ, 110^\circ, 170^\circ, x^\circ$

(ii) $110^\circ, 120^\circ, 95^\circ, 140^\circ, x^\circ$

18. Construct a quadrilateral WXYZ with WX=5.5 cm, XY= 4.5 cm, WZ=5cm, YW =6cm, XZ=7cm

19. Construct a square of side 4.6 cm

20. Simplify $3(2y-5) = 4y+ 6$

Four Mark Qns

21. Present age of father is 2 times of his son. Before 10 years father's age was twice of his son. Find their present age.

22. Draw a quadrilateral PQRS, when PQ= 4.5 cm, QR= 5 cm, PR= 6 cm., RS= 5.8 cm and PR= 6 cm.

23. Construct a quadrilateral PQRS with PQ = 5cm, QR = 6cm, $\angle P = 90^\circ$, $\angle Q = 110^\circ$ and $\angle R = 95^\circ$.

