

| Q9. | Complete the following table with Yes or No: - |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Quadrilateral | Opposite sides |  | All sides Equal | Opposite angle equal | Diagonals |  |
|  |  | Parallel | Equal |  |  | Equal | Perpendicular |
|  | Parallelogram |  |  |  |  |  |  |
|  | Rectangle |  |  |  |  |  |  |
|  | Square |  |  |  |  |  |  |
| Q10. | In which of the following figures:- <br> (a) perpendicular bisector is shown? <br> (b) bisector is shown? <br> (c) only perpendicular is shown? <br> (i)  <br> (ii)  <br> (iii) |  |  |  |  |  |  |
| LONG ANSWER TYPE- (4 Marks) |  |  |  |  |  |  |  |
| Q11. | Give two examples of each from your daily life: Cuboid, Cone, Cube, Cylinder, Sphere |  |  |  |  |  |  |
| Q12. | In given Fig. 2.15, $A, B, C, D$ and $E$ are collinear such that $A B=B C=C D=D E$. Then <br> a) $A D=A B+$ $\qquad$ <br> b) $A D=A E-$ $\qquad$ <br> c) midpoint of $A E$ is $\qquad$ <br> d) mid-point of $C E$ is $\qquad$ |  |  |  |  |  |  |
| 0.13 | Using the inform <br> (a) $\mathrm{BA} \perp \mathrm{BD}$ <br> (c) $\mathrm{AC} \perp \mathrm{BD}$ | tion given | name t <br> (b) <br> (d) | e right ang <br> $\mathrm{RT} \perp \mathrm{ST}$ $\mathrm{S} \perp \perp \mathrm{RW}$ | es in each | art of |  |
| Q. 14 | Name a polygon with number of sides as: - |  |  |  |  |  |  |
|  | - 9 |  | - | - |  |  |  |
|  | - • 5 |  |  |  | - |  |  |

Q15. In the given figure:
(a) Name the vertex of angle 3.
(b) Give full names of angles 2 and 4.
(c) Name the arms of angle 3.
(d) Name the type of angle formed by angle 1 and 2.


ANSWERS

| 1. (i) West <br> (ii) West | 2. (i) $1 / 4$ <br> (ii) $3 / 4$ | $\begin{aligned} & \text { 3. (i) } 10 \\ & \text { (ii) } 8 \end{aligned}$ | 4. (i) $1 / 2$ <br> (ii) $1 / 4$ | $5-\mathrm{L}, \mathrm{T}$ etc. |
| :---: | :---: | :---: | :---: | :---: |
| 6. (i) $=-360^{\circ}$ (ii) $\gg 180^{\circ}$ (iii) $\gg 90^{\circ}$ (iv) $\ll-90^{\circ}$ (v) $=-90^{\circ}$ (vi) $\gg 90^{\circ}$ | 7. (i) scalene <br> (ii) equilateral <br> (iii) right angled <br> (iv) obtuse angled <br> (v) acute angled <br> (vi) isosceles right angled | 8. (a) 1 <br> (b) 3 <br> (c) 4 | $\begin{gathered} \text { 9-YYNYNN } \\ \text { YYNYYN } \\ \text { YYYYY } \end{gathered}$ | 10 (a) (ii) <br> (b) (iii) <br> (c) (i) |
| 11- | 12 a)_BD <br> a) $D E$ <br> b) —_C <br> d) -D | 13-(a) LABD <br> (b) LRTS <br> (c) $\llcorner A C D$ or <br> LACB <br> (d) LSRW | 14- 9- Nonagon <br> 8- octagon <br> 5- pentagon <br> 6 - Hexagon | 15 (a) C <br> (b) 2- $\angle \mathrm{DAC}$ and <br> 4- $\angle \mathrm{DCA}$ <br> (c) $A C$ and $C B$ <br> (d) Acute angle |

