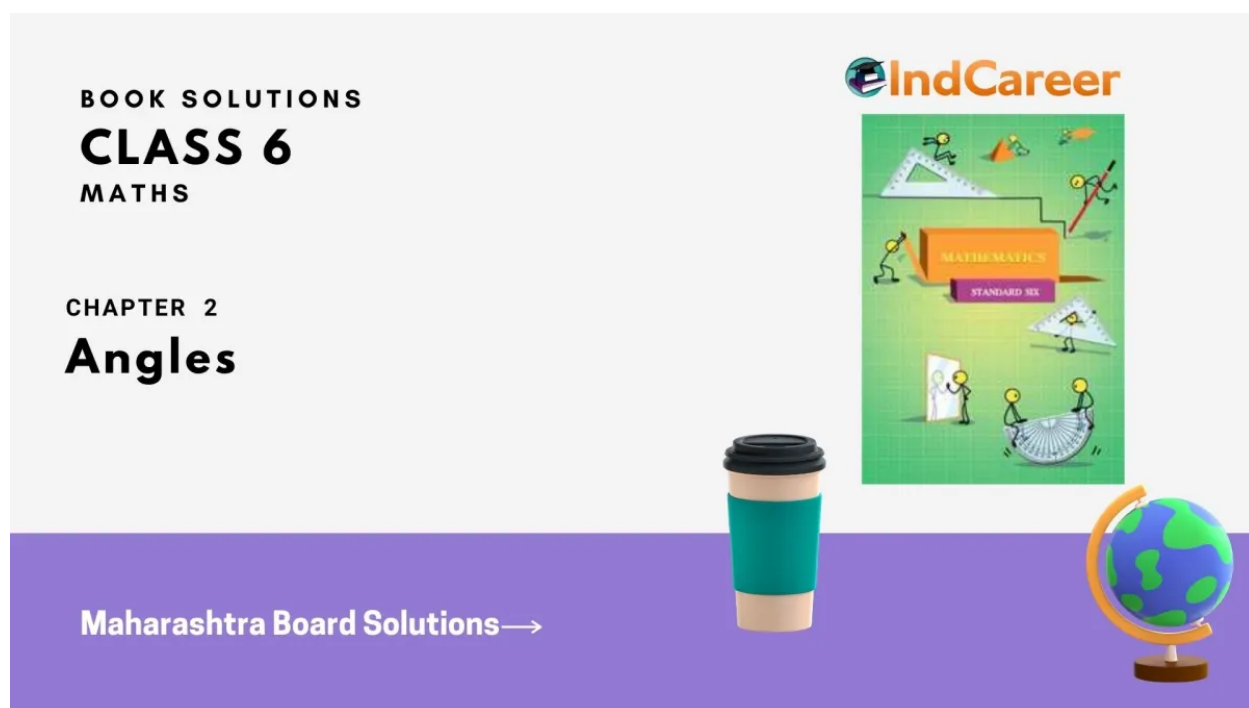


# Maharashtra Board Solutions Class 6-Maths

## (Practice Set 2): Chapter 2- Angles



For any clarifications or questions you can write to [info@indcareer.com](mailto:info@indcareer.com)

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# Maharashtra Board Solutions Class 6-Maths

## (Practice Set 2): Chapter 2- Angles

Class 6: Maths Chapter 2 solutions. Complete Class 6 Maths Chapter 2 Notes.

## Maharashtra Board Solutions Class 6-Maths (Practice Set 2): Chapter 2- Angles

Maharashtra Board 6th Maths Chapter 2, Class 6 Maths Chapter 2 solutions

### Question 1.

Match the following:

| Measure of the angle | Type of the angle |                   |
|----------------------|-------------------|-------------------|
| i.                   | $180^\circ$       | a. Zero angle     |
| ii.                  | $240^\circ$       | b. Straight angle |
| iii.                 | $360^\circ$       | c. Reflex angle   |
| iv.                  | $0^\circ$         | d. Complete angle |

### Solution:

(i – Straight Angle),

(ii – Reflex Angle),

(iii – Complete Angle),

(iv – Zero Angle).

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**Question 2.**

The measures of some angles are given below. Write the type of each angle:

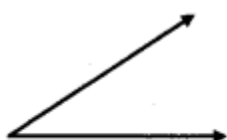
1.  $75^\circ$
2.  $0^\circ$
3.  $215^\circ$
4.  $360^\circ$
5.  $180^\circ$
6.  $120^\circ$
7.  $148^\circ$
8.  $90^\circ$

**Solution:**

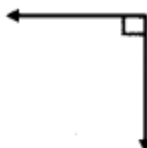
1. Acute angle
2. Zero angle
3. Reflex angle
4. Complete angle
5. Straight angle
6. Obtuse angle
7. Obtuse angle
8. Right angle

**Question 3.**

Look at the figures below and write the type of each of the angles:



(a)



(b)



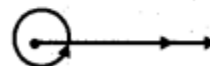
(c)



(d)



(e)



(f)

**Solution:**

- a. Acute angle

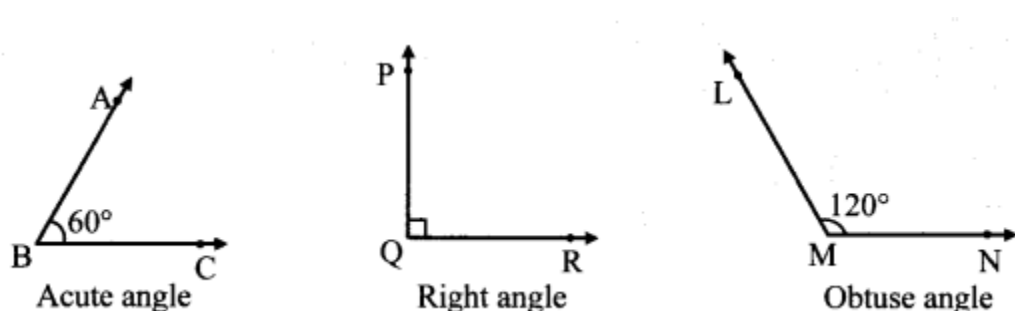
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- b. Right angle
- c. Reflex angle
- d. Straight angle
- e. Zero angle
- f. Complete angle

**Question 4.**

Use a protractor to draw an acute angle, a right angle and an obtuse angle:

**Solution:**



[Note: Students may draw acute and obtuse angles of measure other than the ones given.]

**Questions and Activities**

**Question 1.**

Look at the angles shown in the pictures below. Identify the type of angle and write its name below the picture: (Textbook pg. no. 6)



**Solution:**

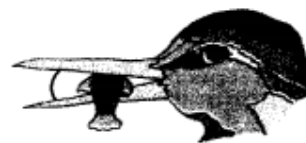
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Obtuse angle



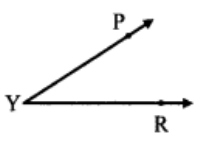
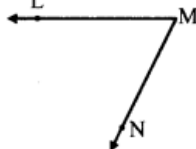
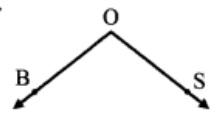
Right angle



Acute angle

**Question 2.**

Complete the following table: (Textbook pg. no. 6)

| Angle               | i.  | ii.  | iii.  |
|---------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| Name of the angle   |                                                                                      |                                                                                        |                                                                                          |
| Vertex of the angle |                                                                                      |                                                                                        |                                                                                          |
| Arms of the angle   |                                                                                      |                                                                                        |                                                                                          |

**Solution:**

| Sr. No.             | i.                           | ii.                          | iii.                         |
|---------------------|------------------------------|------------------------------|------------------------------|
| Name of the angle   | $\angle PYR$ or $\angle RYP$ | $\angle LMN$ or $\angle NML$ | $\angle BOS$ or $\angle SOB$ |
| Vertex of the angle | Y                            | M                            | O                            |
| Arms of the angle   | YP and YR                    | ML and MN                    | OB and OS                    |



# Maharashtra Board Solutions

## Class 6 Maths

- Chapter 1- Basic Concepts in Geometry (Practice Set 1)
- Chapter 2- Angles (Practice Set 2)
- Chapter 2- Angles (Practice Set 3)
- Chapter 3- Integers (Practice Set 4)
- Chapter 3- Integers (Practice Set 5)
- Chapter 3- Integers (Practice Set 6)
- Chapter 3- Integers (Practice Set 7)
- Chapter 3- Integers (Practice Set 8)
- Chapter 4- Operations on Fractions (Practice Set 9)
- Chapter 4- Operations on Fractions (Practice Set 10)
- Chapter 4- Operations on Fractions (Practice Set 11)
- Chapter 4- Operations on Fractions (Practice Set 12)
- Chapter 4- Operations on Fractions (Practice Set 13)
- Chapter 5- Decimal Fractions (Practice Set 14)
- Chapter 5- Decimal Fractions (Practice Set 15)
- Chapter 5- Decimal Fractions (Practice Set 16)
- Chapter 5- Decimal Fractions (Practice Set 17)
- Chapter 6- Bar Graphs (Practice Set 18)
- Chapter 6- Bar Graphs (Practice Set 19)
- Chapter 7- Symmetry (Practice Set 20)
- Chapter 7- Symmetry (Practice Set 21)
- Chapter 8- Divisibility (Practice Set 22)

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- Chapter 9- HCF-LCM (Practice Set 23)
- Chapter 9- HCF-LCM (Practice Set 24)
- Chapter 9- HCF-LCM (Practice Set 25)
- Chapter 10- Equations (Practice Set 26)
- Chapter 10- Equations (Practice Set 27)
- Chapter 11- Ratio-Proportion (Practice Set 28)
- Chapter 11- Ratio-Proportion (Practice Set 29)
- Chapter 12- Percentage (Practice Set 30)
- Chapter 13- Profit-Loss (Practice Set 31)
- Chapter 13- Profit-Loss (Practice Set 32)
- Chapter 13- Profit-Loss (Practice Set 33)
- Chapter 13- Profit-Loss (Practice Set 34)
- Chapter 14- Banks and Simple Interest (Practice Set 35)
- Chapter 15- Triangles and their Properties (Practice Set 36)
- Chapter 16- Quadrilaterals (Practice Set 37)
- Chapter 16- Quadrilaterals (Practice Set 38)
- Chapter 17- Geometrical Constructions (Practice Set 39)
- Chapter 17- Geometrical Constructions (Practice Set 40)
- Chapter 18- Three Dimensional Shapes (Practice Set 41)

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## About About Maharashtra State Board (MSBSHSE)

The Maharashtra State Board of Secondary and Higher Secondary Education or MSBSHSE (Marathi: महाराष्ट्र राज्य माध्यमिक आणि उच्च माध्यमिक शिक्षण मंडळ), is an **autonomous and statutory body established in 1965**. The board was amended in the year 1977 under the provisions of the Maharashtra Act No. 41 of 1965.

The Maharashtra State Board of Secondary & Higher Secondary Education (MSBSHSE), Pune is an independent body of the Maharashtra Government. There are more than 1.4 million students that appear in the examination every year. The Maha State Board conducts the board examination twice a year. This board conducts the examination for SSC and HSC.

The Maharashtra government established the Maharashtra State Bureau of Textbook Production and Curriculum Research, also commonly referred to as Ebalbharati, in 1967 to take up the responsibility of providing quality textbooks to students from all classes studying under the Maharashtra State Board. MSBHSE prepares and updates the curriculum to provide holistic development for students. It is designed to tackle the difficulty in understanding the concepts with simple language with simple illustrations. Every year around 10 lakh students are enrolled in schools that are affiliated with the Maharashtra State Board.

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As of now, the MSCERT and Balbharti are responsible for the syllabus and textbooks of Classes 1 to 8, while Classes 9 and 10 are under the Maharashtra State Board of Secondary and Higher Secondary Education (MSBSHSE).

How many state boards are there in Maharashtra?

The Maharashtra State Board of Secondary & Higher Secondary Education, conducts the HSC and SSC Examinations in the state of Maharashtra through its nine Divisional Boards located at Pune, Mumbai, Aurangabad, Nasik, Kolhapur, Amravati, Latur, Nagpur and Ratnagiri.

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