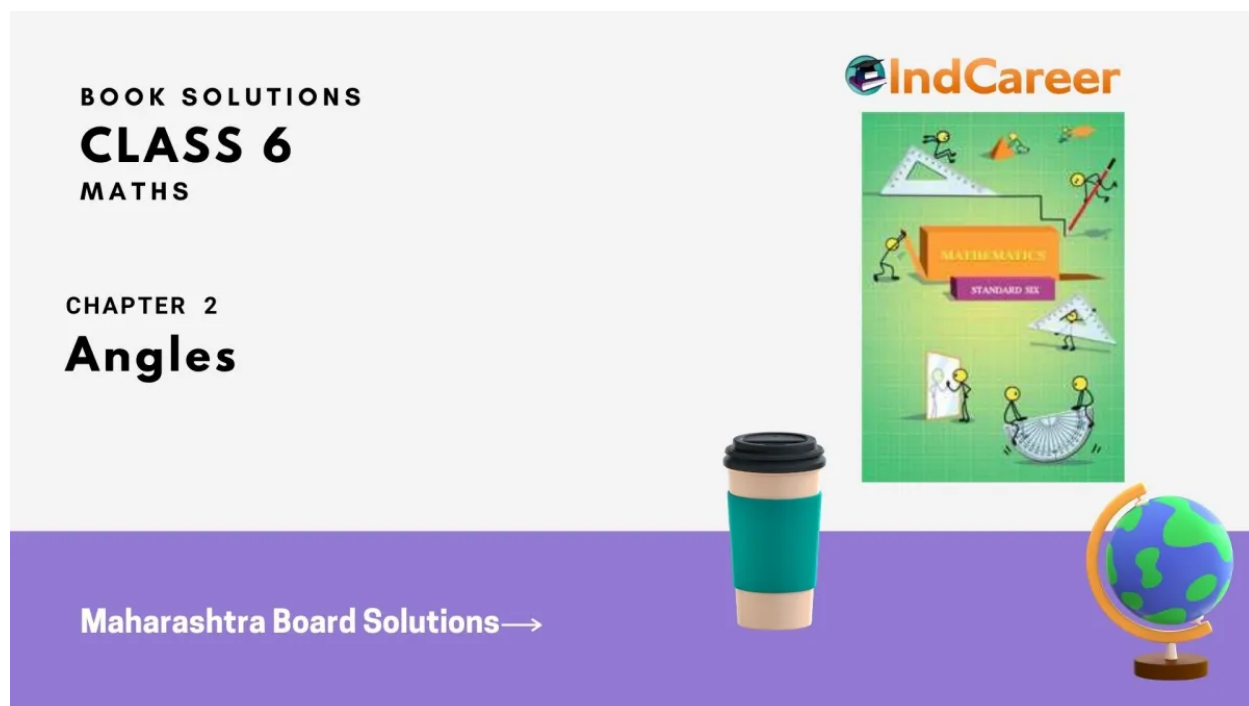


Maharashtra Board Solutions Class 6-Maths

(Practice Set 3): Chapter 2- Angles



For any clarifications or questions you can write to info@indcareer.com

Postal Address

IndCareer.com, 52, Shilpa Nagar, Somalwada Nagpur - 440015
Maharashtra, India

WhatsApp: +91 9561 204 888, **Website:** <https://www.indcareer.com>

<https://www.indcareer.com/schools/maharashtra-board-solutions-class-6-maths-practice-set-3-chapter-2-angles/>



Maharashtra Board Solutions Class 6-Maths

(Practice Set 3): Chapter 2- Angles

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

Maharashtra Board Solutions Class 6-Maths (Practice Set 3): Chapter 2- Angles

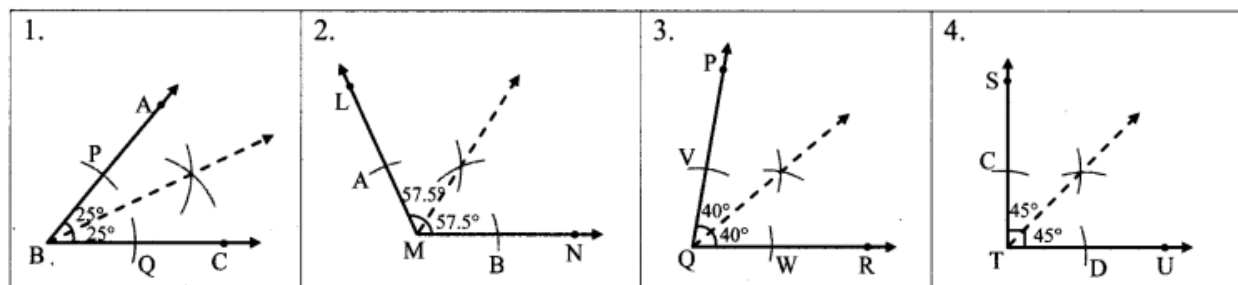
Maharashtra Board 6th Maths Chapter 2, Class 6 Maths Chapter 2 solutions

Question 1.

Use the proper geometrical instruments to construct the following angles. Use the compass and the ruler to bisect them:

1. 50°
2. 115°
3. 80°
4. 90°

Solution:



Questions and Activities

Question 1.

Construct an angle bisector to obtain an angle of 30° . (Textbook pg. no. 11)

<https://www.indcareer.com/schools/maharashtra-board-solutions-class-6-maths-practice-set-3-chapter-2-angles/>

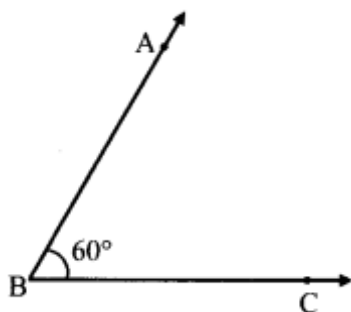
Solution: .

In order to get a bisected angle of a given measure, the student has to draw the angle having twice the measurement of required bisected angle.

For getting measurement of 30° (for the bisected angle), one has to make an angle of 60° (i.e. $30^\circ \times 2$).

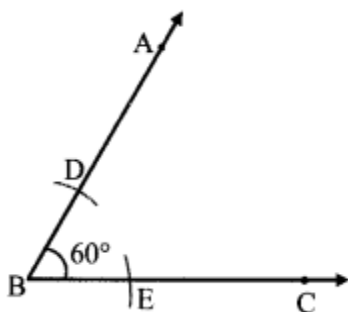
Step 1:

Draw $\angle ABC$ of 60° .



Step 2:

Cut arcs on the rays BA and BC. Name these points as D and E respectively.

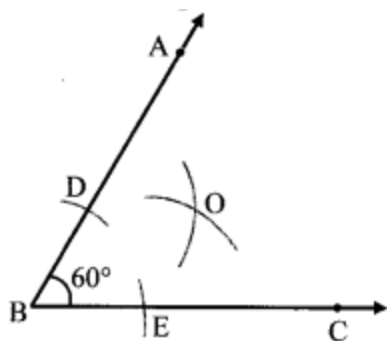


Step 3:

Place the compass point on point D and draw an arc inside the angle.

Without changing the distance of the compass, place the compass point on point E and cut the previous arc. Name the point of intersection as O

<https://www.indcareer.com/schools/maharashtra-board-solutions-class-6-maths-practice-set-3-chapter-2-angles/>

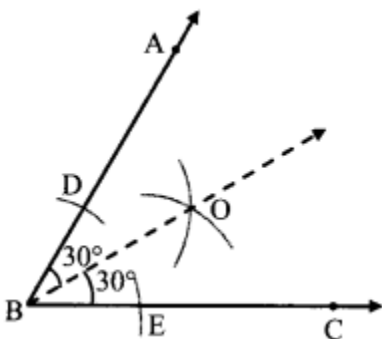


Step 4:

Draw ray BO.

Ray BO is the angle bisector of $\angle ABC$.

i.e. $m\angle ABO = m\angle CBO = 30^\circ$



Question 2.

Construct an angle bisector to draw an angle of 45° . (Textbook pg. no. 11)

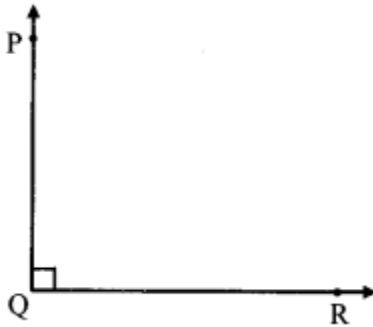
Solution:

For getting measurement of 45° (for the bisected angle), one has to make an angle of 90° (i.e. $45^\circ \times 2$).

Step 1:

Draw $\angle PQR$ of 90° .

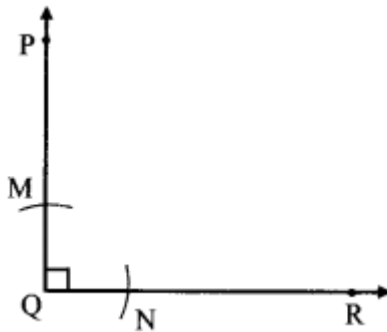
<https://www.indcareer.com/schools/maharashtra-board-solutions-class-6-maths-practice-set-3-c-hapter-2-angles/>



Step 2:

Cut arcs on the rays QP and QR.

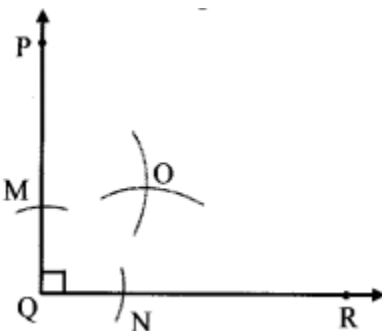
Name these points as M and N respectively.



Step 3:

Place the compass point on point M and draw an arc inside the angle.

Without changing the distance of the compass, place the compass point on point N and cut the



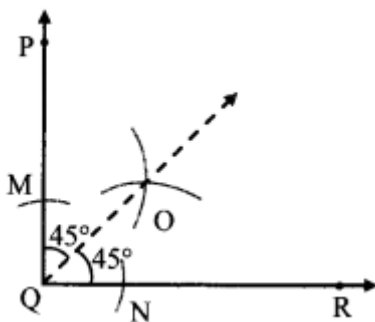
<https://www.indcareer.com/schools/maharashtra-board-solutions-class-6-maths-practice-set-3-chapter-2-angles/>

Step 4:

Draw ray QO.

Ray QO is the angle bisector of $\angle PQR$.

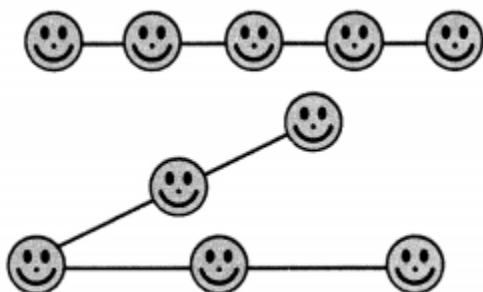
i.e. $m\angle PQO = m\angle RQO = 45^\circ$



Question 3.

Ask three or more children to stand in a straight line. Take two long ropes. Let the child in the middle hold one end of each rope. With the help of the ropes, make the children on either side stand along a straight line. Tell them to move so as to form an acute angle, a right angle, an obtuse angle, a straight angle, a reflex angle and a full or complete angle in turn. Keeping the rope stretched will help to ensure that the children form straight lines. (Textbook pg. no. 6)

Solution:

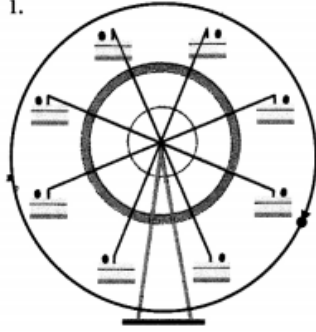


Question 4.

Look at the pictures below and identify the different types of angles. (Textbook pg. no. 8)

<https://www.indcareer.com/schools/maharashtra-board-solutions-class-6-maths-practice-set-3-chapter-2-angles/>

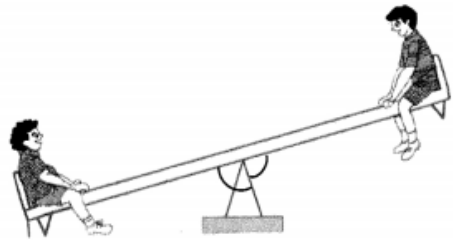
i.



ii.



iii.

**Solution:**

i. Complete angle

ii. Reflex and Acute angle

iii. Acute and Obtuse angle



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)

<https://www.indcareer.com/schools/maharashtra-board-solutions-class-6-maths-practice-set-3-chapter-2-angles/>

- 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)

<https://www.indcareer.com/schools/maharashtra-board-solutions-class-6-maths-practice-set-3-chapter-2-angles/>

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.

<https://www.indcareer.com/schools/maharashtra-board-solutions-class-6-maths-practice-set-3-chapter-2-angles/>

FAQs

Where do I get the Maharashtra State Board Books PDF For free download?

You can download the Maharashtra State Board Books from the eBalbharti official website, i.e. cart.ebalbharati.in or from this article.

Add image

How to Download Maharashtra State Board Books?

Students can get the Maharashtra Books for primary, secondary, and senior secondary classes from here. You can view or download the Maharashtra State Board Books from this page or from the official website for free of cost. Students can follow the detailed steps below to visit the official website and download the e-books for all subjects or a specific subject in different mediums.

Step 1: Visit the official website ebalbharati.in

Step 2: On the top of the screen, select "Download PDF textbooks"

Step 3: From the "Classes" section, select your class.

Step 4: From "Medium", select the medium suitable to you.

Step 5: All Maharashtra board books for class 11th will now be displayed on the right side.

Step 6: Click on the "Download" option to download the PDF book.

Who developed the Maharashtra State board books?

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.

<https://www.indcareer.com/schools/maharashtra-board-solutions-class-6-maths-practice-set-3-chapter-2-angles/>

About IndCareer

IndCareer.com is a leading developer of online career guidance resources for the Indian marketplace. Established in 2007, IndCareer.com is currently used by over thousands of institutions across India, including schools, employment agencies, libraries, colleges and universities.

IndCareer.com is designed to assist you in making the right career decision - a decision that meets your unique interests and personality.

For any clarifications or questions you can write to **info@indcareer.com**

Postal Address

IndCareer.com
52, Shilpa Nagar,
Somalwada
Nagpur - 440015
Maharashtra, India

WhatsApp: +91 9561 204 888

Website: <https://www.indcareer.com>

<https://www.indcareer.com/schools/maharashtra-board-solutions-class-6-maths-practice-set-3-chapter-2-angles/>