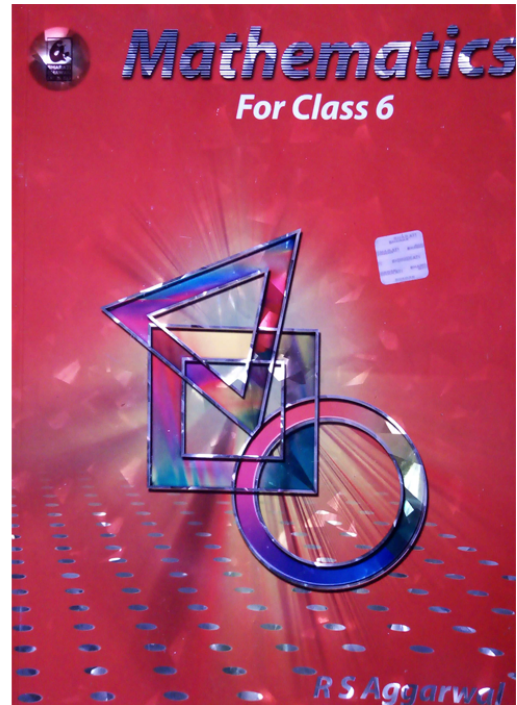


RS Aggarwal Solutions for Class 6 Maths

Chapter 12–Parallel Lines

Class 6 - Chapter 12 Parallel Lines



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/rs-aggarwal-solutions-for-class-6-maths-chapter-12-parallel-lines/>



RS Aggarwal Solutions for Class 6

Maths Chapter 12–Parallel Lines

Class 6: Maths Chapter 12 solutions. Complete Class 6 Maths Chapter 12 Notes.

RS Aggarwal Solutions for Class 6 Maths Chapter 12–Parallel Lines

RS Aggarwal 6th Maths Chapter 12, Class 6 Maths Chapter 12 solutions

Question 1.

Solution:

In the given figure, the pairs of parallel edges are :

$AB \parallel CD$ and $BC \parallel AD$

Question 2.

Solution:

In the given figure, pairs of all possible parallel edges are:

$AB \parallel HE \parallel DC \parallel GF$; $BE \parallel CF \parallel AH$

$AD \parallel GH \parallel BC \parallel EF$

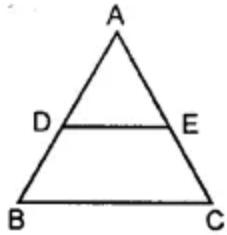
Question 3.

Solution:

(i) In the given figure,

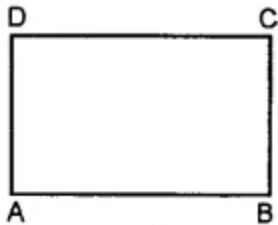
$DE \parallel BC$

<https://www.indcareer.com/schools/rs-aggarwal-solutions-for-class-6-maths-chapter-12-parallel-lines/>



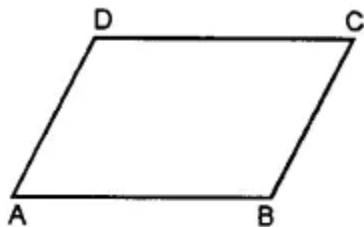
(ii) In the given figure,

$AB \parallel DC$; $AD \parallel BC$



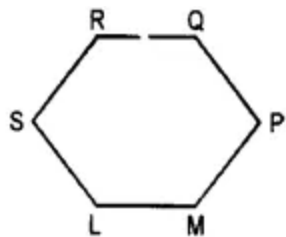
(iii) In the given figure,

$AB \parallel DC$; $AD \parallel BC$



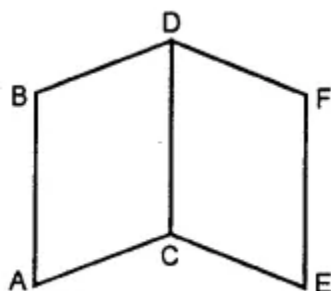
(iv) In the given figure,

$LM \parallel RQ$, $MP \parallel RS$, $PQ \parallel SL$.



(v) In the given figure,

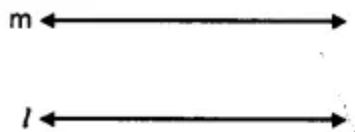
$AB \parallel CD$, $CD \parallel EF$, $AC \parallel BD$, $CE \parallel DF$, $AB \parallel EF$.



Question 4.

Solution:

(i) Place the ruler so that one of its measuring edges lies along the line. Hold it firmly with one hand. Now place a set square with one arm of the right angle coinciding with the edge of the ruler. Read off the distance between i and m on the set square which is 1.7cm.



(ii) Place the ruler so that one of the measuring edges of the ruler lies along the line l . Hold it firmly with one hand and place a set square with one arm of the right angle coinciding with the edge of the ruler. Read off the distance between the lines l and m on the set square which is 1.2 cm.

<https://www.indcareer.com/schools/rs-aggarwal-solutions-for-class-6-maths-chapter-12-parallel-lines/>

**Question 5.****Solution:**

It is given that $l \parallel m$.

Also $AB \perp l$ i.e. AB is the perpendicular distance between two parallel lines l and m.

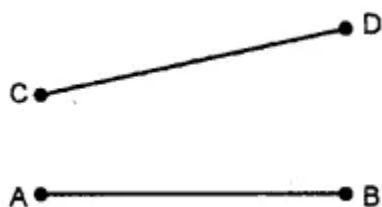
Again $CD \perp l$ i.e. CD is the perpendicular distance between two parallel lines l and m.

But the perpendicular distance between two parallel lines is always same everywhere.

$$CD = AB = 2.3 \text{ cm.}$$

Question 6.**Solution:**

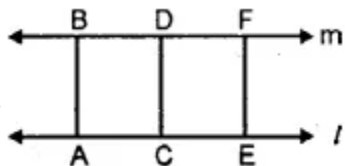
In the given figure, we see that the line segments AB and CD do not intersect. But, the corresponding lines determined by them will clearly intersect. So, the segment AB and CD are not parallel.

**Question 7.**

<https://www.indcareer.com/schools/rs-aggarwal-solutions-for-class-6-maths-chapter-12-parallel-lines/>

Solution:

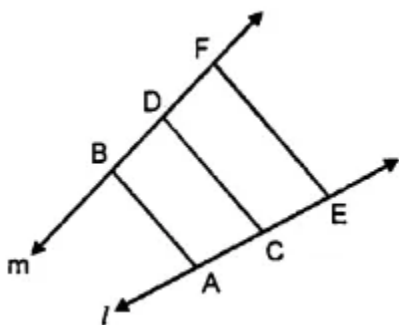
(i) Place the ruler so that one of its measuring edges lies along of its measuring edges lies along the line l . Hold it firmly and place a set square with one arm of the right angle coinciding with the edge of the ruler. Draw the line segment AB along the edge of the set square as shown in figure.



Slide the set square along the ruler and draw some more segments CD and EF . We observe that $AB = CD = EF$.

$l \parallel m$.

(ii) Place the ruler so that one of its measuring edges lies along the line l . Hold it firmly and place a set square with one arm of the right angle coinciding with the edge of the ruler. Draw the line segment AB along the edge of the set square.



Slide the set square along the ruler and draw some more segments CD and EF as shown in the figure.

We observe that $AB \neq CD \neq EF$

Hence l is not parallel to m .

<https://www.indcareer.com/schools/rs-aggarwal-solutions-for-class-6-maths-chapter-12-parallel-lines/>

Question 8.

Solution:

(i) True

(ii) True

(iii) False

(iv) False.



<https://www.indcareer.com/schools/rs-aggarwal-solutions-for-class-6-maths-chapter-12-parallel-lines/>

RS Aggarwal Class 6 Solutions

- Chapter 1–Number System
- Chapter 2–Factors and Multiples
- Chapter 3–Whole Numbers
- Chapter 4–Integers
- Chapter 5–Fractions
- Chapter 6–Simplification
- Chapter 7–Decimals
- Chapter 8–Algebraic Expressions
- Chapter 9–Linear Equations in One Variable
- Chapter 10–Ratio, Proportion and Unitary Method
- Chapter 11–Line Segment, Ray and Line
- Chapter 12–Parallel Lines
- Chapter 13–Angles and Their Measurement
- Chapter 14–Constructions (Using Ruler and a Pairs of Compasses)
- Chapter 15–Polygons
- Chapter 16–Triangles
- Chapter 17–Quadrilaterals
- Chapter 18–Circles
- Chapter 19–Three-Dimensional Shapes
- Chapter 20–Two-Dimensional Reflection Symmetry (Linear Symmetry)
- Chapter 21–Concept of Perimeter and Area
- Chapter 22–Data Handling
- Chapter 23–Pictograph
- Chapter 24–Bar Graph

<https://www.indcareer.com/schools/rs-aggarwal-solutions-for-class-6-maths-chapter-12-parallel-lines/>

About RS Aggarwal Class 6 Book

Investing in an R.S. Aggarwal book will never be of waste since you can use the book to prepare for various competitive exams as well. RS Aggarwal is one of the most prominent books with an endless number of problems. R.S. Aggarwal's book very neatly explains every derivation, formula, and question in a very consolidated manner. It has tonnes of examples, practice questions, and solutions even for the NCERT questions.

He was born on January 2, 1946 in a village of Delhi. He graduated from Kirori Mal College, University of Delhi. After completing his M.Sc. in Mathematics in 1969, he joined N.A.S. College, Meerut, as a lecturer. In 1976, he was awarded a fellowship for 3 years and joined the University of Delhi for his Ph.D. Thereafter, he was promoted as a reader in N.A.S. College, Meerut. In 1999, he joined M.M.H. College, Ghaziabad, as a reader and took voluntary retirement in 2003. He has authored more than 75 titles ranging from Nursery to M. Sc. He has also written books for competitive examinations right from the clerical grade to the I.A.S. level.

<https://www.indcareer.com/schools/rs-aggarwal-solutions-for-class-6-maths-chapter-12-parallel-lines/>

Frequently Asked Questions (FAQs)

Why must I refer to the RS Aggarwal textbook?

RS Aggarwal is one of the most important reference books for high school grades and is recommended to every high school student. The book covers every single topic in detail. It goes in-depth and covers every single aspect of all the mathematics topics and covers both theory and problem-solving. The book is true of great help for every high school student. Solving a majority of the questions from the book can help a lot in understanding topics in detail and in a manner that is very simple to understand. Hence, as a high school student, you must definitely dwell your hands on RS Aggarwal!

Why should you refer to RS Aggarwal textbook solutions on Indcareer?

RS Aggarwal is a book that contains a few of the hardest questions of high school mathematics. Solving them and teaching students how to solve questions of such high difficulty is not the job of any neophyte. For solving such difficult questions and more importantly, teaching the problem-solving methodology to students, an expert teacher is mandatory!

Does IndCareer cover RS Aggarwal Textbook solutions for Class 6-12?

RS Aggarwal is available for grades 6 to 12 and hence our expert teachers have formulated detailed solutions for all the questions of each edition of the textbook. On our website, you'll be able to find solutions to the RS Aggarwal textbook right from Class 6 to Class 12. You can head to the website and download these solutions for free. All the solutions are available in PDF format and are free to download!

<https://www.indcareer.com/schools/rs-aggarwal-solutions-for-class-6-maths-chapter-12-parallel-lines/>

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/rs-aggarwal-solutions-for-class-6-maths-chapter-12-parallel-lines/>