

English

Read closely. Write clearly.

IN THIS SECTION	PRACTICE
Worksheet 1	10 questions
Worksheet 2	10 questions
Answer keys	After both worksheets

Practice focus

- Reading and inference
- Grammar in context
- Short, purposeful writing

STUDENT DETAILS

Name: _____

Class / section: _____

School: _____

Date: _____

WORK FIRST, CHECK LATER

Try both worksheets before checking the keys. Write longer answers on extra paper if needed. Open-ended answers in the key are examples, not the only correct responses.

Class 8 • CBSE-level practice • 20 original questions per subject

Practice package, not an official CBSE paper or a complete syllabus checklist. Topic order may differ between schools.

Worksheet 1

Name: _____ Date: _____

INSTRUCTIONS

Answer all ten questions. Show steps and units in maths. Use complete sentences where a reason is needed.

READING TEXT • QUESTIONS 1-5

On Saturday, Tara found an old notebook in the school garden. Its pages held sketches of birds and notes about when they appeared. Rather than take it home, she handed it to the librarian. A week later, Mr Sen, a retired science teacher, came to collect it. He had left it behind after showing the gardening club how to watch birds without disturbing them. Tara asked whether the club could copy a few pages. Mr Sen agreed and offered to lead a short walk the following month. Tara had returned a notebook, but the school had gained a new learning opportunity.

01. Where did Tara find the notebook?

02. Name two things recorded in the notebook.

03. Why had Mr Sen brought it to school?

04. What does Tara's decision tell us about her? Give one reason.

05. Suggest a title for the passage.

06. Identify the tense: Tara handed the notebook to the librarian.

07. Choose the verb: Neither of the two answers ____ correct. (is / are)

08. Rewrite in the passive voice: The students planted ten saplings.

09. Combine using although: It was raining. The team finished the match.

10. Write your own sentence using opportunity.

Worksheet 2

Name: _____ Date: _____

INSTRUCTIONS

Answer all ten questions. Show steps and units in maths. Use complete sentences where a reason is needed.

01. Change to reported speech: Riya said, "I am tired."

02. Choose the modal: You ____ wear a helmet while cycling. (must / might)

03. Correct: Each of the players have a water bottle.

04. Identify the adjective and adverb: The careful driver moved slowly.

05. Add punctuation and capitals: where is my notebook asked aman

06. Join using a relative pronoun: This is the girl. She won the chess competition.

07. Rewrite using the comparative: No other runner in the team is as fast as Meera.

08. Write a 35–40 word notice for a school book exchange. Include date, time, place and what to bring.

09. Write a 40–50 word paragraph about a small act of kindness. Include a specific detail.

10. Write a 40–50 word email asking your class teacher for permission to start a reading club.

Answer keys

CHECK YOUR WORK

Equivalent answers are valid. For writing tasks, check relevance, clear language and the requested length.

Worksheet 1

01. In the school garden.

02. Bird sketches and notes about when the birds appeared.

03. To show the gardening club how to watch birds without disturbing them.

04. She is honest: she handed in the notebook instead of keeping it.

05. Example: The Notebook in the Garden. Other suitable titles are valid.

06. Simple past.

07. is

08. Ten saplings were planted by the students.

09. Although it was raining, the team finished the match.

10. Example: The visit gave us an opportunity to meet a local artist.

Worksheet 2

01. Riya said that she was tired.

02. must

03. Each of the players has a water bottle.

04. Adjective: careful. Adverb: slowly.

05. "Where is my notebook?" asked Aman.

06. This is the girl who won the chess competition.

07. Meera is faster than any other runner in the team.

08. Model: BOOK EXCHANGE. Our school book exchange will be held on 20 May, from 10 a.m. to noon, in the library. Bring one clean, age-appropriate book to exchange. Write your name inside it. All Class 8 students are welcome.

09. Model: Yesterday, I saw a younger student drop her lunch near the stairs. I helped her clean the floor and shared my extra sandwich. She looked relieved. It was a small thing, but it made the rest of her day easier.

10. Model: Dear Ma'am, May we start a reading club for Class 8? We could meet in the library every Friday and discuss one short story. It would help us read more regularly and share ideas. Please let us know if this is possible. Regards, Riya.

02 / SUBJECT SECTION

हिंदी

पढ़ो, सोचो और अपने शब्दों में लिखो।

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अभ्यास के विषय

- अपठित गद्यांश
- व्याकरण का अभ्यास
- रचनात्मक लेखन

STUDENT DETAILS

Name: _____

Class / section: _____

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Date: _____

अभ्यास कैसे करें

पहले दोनों कार्यपत्रक हल कीजिए, फिर उत्तर संकेत देखिए। रचनात्मक प्रश्नों के उत्तर उदाहरण हैं; आपके अपने सही उत्तर भी स्वीकार्य हैं।

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कार्यपत्रक 1

नाम: _____ तारीख: _____

निर्देश

सभी दस प्रश्नों के उत्तर लिखिए। पूरे वाक्य लिखने का प्रयास कीजिए।

अपठित गद्यांश • प्रश्न 1-5

हमारी कक्षा ने गर्मी की छुट्टियों से पहले स्कूल में एक छोटा पुस्तक कोना बनाया। बच्चों ने घर से ऐसी किताबें लाईं जिन्हें वे पढ़ चुके थे। किसी ने कहानियों की पुस्तक दी, तो किसी ने पक्षियों की जानकारी वाली किताब। शुरू में कुछ बच्चे किताबें लेने से झिझक रहे थे। तब नेहा ने अपनी पसंद की कहानी पढ़कर सुनाई। अगले दिन कई बच्चे पुस्तक कोने के पास आए। शिक्षक ने एक रजिस्टर रखा, जिसमें किताब लेने और लौटाने की तारीख लिखी जाती थी। अब हम समझ गए हैं कि किताबें बाँटने से ज्ञान घटता नहीं, बल्कि बढ़ता है।

01. कक्षा ने पुस्तक कोना कब बनाया?

02. बच्चों ने किस प्रकार की किताबें दीं? दो उदाहरण लिखिए।

03. कुछ बच्चे शुरू में क्या करने से झिझक रहे थे?

04. नेहा के कहानी पढ़ने का क्या प्रभाव पड़ा?

05. गद्यांश का एक उपयुक्त शीर्षक लिखिए।

06. ज्ञान और मित्र के एक-एक पर्यायवाची लिखिए।

07. आशा और लाभ के विलोम शब्द लिखिए।

08. सर्वनाम पहचानिए: वह रोज़ पुस्तक पढ़ती है।

09. लिंग बदलकर लिखिए: लड़का मैदान में खेल रहा है।

10. आँखों का तारा मुहावरे का अर्थ लिखकर वाक्य बनाइए।

कार्यपत्रक 2

नाम: _____ तारीख: _____

निर्देश

सभी दस प्रश्नों के उत्तर लिखिए। पूरे वाक्य लिखने का प्रयास कीजिए।

01. संज्ञा और विशेषण पहचानिए: मीठे आम टोकरी में रखे हैं।
_____02. वचन बदलकर लिखिए: यह लड़की गीत गाती है।
_____03. वाक्य को भूतकाल में बदलिए: मोहन स्कूल जाता है।
_____04. सही शब्द चुनिए: हमें बड़ों का ____ करना चाहिए। (सम्मान / अपमान)
_____05. अशुद्ध वाक्य शुद्ध कीजिए: मुझे दो रुपया चाहिए।
_____06. विराम चिह्न लगाइए: वाह कितना सुंदर चित्र है
_____07. असफल शब्द का उपसर्ग और मूल शब्द अलग कीजिए।
_____08. मित्र को जन्मदिन की शुभकामना देते हुए 40-50 शब्दों का संदेश लिखिए।

_____09. छुट्टियों में मैंने क्या सीखा विषय पर 50-60 शब्दों का अनुच्छेद लिखिए।

_____10. पौधों की देखभाल पर दो मित्रों के बीच चार पंक्तियों का संवाद लिखिए।

उत्तर संकेत

अपने उत्तर जाँचिए

खुले प्रश्नों के लिए अन्य सही उत्तर भी स्वीकार्य हैं।

कार्यपत्रक 1

01. गर्मी की छुट्टियों से पहले।
02. कहानियों की पुस्तक और पक्षियों की जानकारी वाली किताब।
03. किताबें लेने से।
04. अगले दिन कई बच्चे पुस्तक कोने के पास आए।
05. उदाहरण: हमारा पुस्तक कोना। अन्य उपयुक्त शीर्षक भी सही हैं।
06. ज्ञान: विद्या; मित्र: दोस्त। अन्य सही पर्याय भी स्वीकारें।
07. आशा: निराशा; लाभ: हानि।
08. वह।
09. लड़की मैदान में खेल रही है।
10. अर्थ: बहुत प्रिय व्यक्ति। वाक्य: छोटी बहन दादी की आँखों का तारा है।

कार्यपत्रक 2

01. संज्ञा: आम, टोकरी; विशेषण: मीठे।
02. ये लड़कियाँ गीत गाती हैं।
03. मोहन स्कूल जाता था।
04. सम्मान।
05. मुझे दो रुपये चाहिए।
06. वाह! कितना सुंदर चित्र है!
07. उपसर्ग: अ; मूल शब्द: सफल।
08. उदाहरण: प्रिय आरव, जन्मदिन की बहुत शुभकामनाएँ! तुम्हारी हँसी हमारी कक्षा को खुश कर देती है। इस साल तुम्हें खूब अच्छी किताबें, नए दोस्त और खेलने का समय मिले। शाम को मिलकर तुम्हारा पसंदीदा खेल खेलेंगे। हमेशा खुश रहो और अपने सपनों के लिए मेहनत करो। तुम्हारा मित्र, रोहन।
09. उदाहरण: इन छुट्टियों में मैंने दादी से पौधों की देखभाल सीखी। पहले मैं रोज़ बहुत पानी डाल देता था। दादी ने बताया कि मिट्टी की नमी देखकर पानी देना चाहिए। मैंने दो गमलों में तुलसी और धनिया लगाया। अब हर सुबह उनकी नई पत्तियाँ देखता हूँ। पौधों ने मुझे धैर्य रखना और छोटी जिम्मेदारी निभाना सिखाया है।
10. रीमा: आज पौधों को पानी किसने दिया?
अमन: मैंने दिया, पर मिट्टी पहले जाँची थी।
रीमा: मैं सूखी पत्तियाँ हटा देती हूँ।
अमन: अच्छा, कल हम दोनों फिर देखेंगे।

Mathematics

Show the steps, not only the answer.

IN THIS SECTION	PRACTICE
Worksheet 1	10 questions
Worksheet 2	10 questions
Answer keys	After both worksheets

Practice focus

- Numbers and equations
- Powers and percentages
- Geometry and data

STUDENT DETAILS

Name: _____

Class / section: _____

School: _____

Date: _____

WORK FIRST, CHECK LATER

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Worksheet 1

Name: _____ Date: _____

INSTRUCTIONS

Answer all ten questions. Show steps and units in maths. Use complete sentences where a reason is needed.

01. Simplify: $(-3/4) + (5/8)$.

02. Evaluate: $(7/9) \times (-3/14)$.

03. Find the reciprocal of $-5/7$.

04. Write one rational number between $1/3$ and $1/2$.

05. Solve: $3x - 7 = 20$.

06. Solve: $5(y - 2) = 3y + 8$.

07. Find the square root of 1764.

08. Evaluate: $2^3 \times 2^5 \div 2^4$.

09. A notebook costs ₹80. Its price increases by 15%. Find the new price.

10. A number multiplied by 4 and increased by 9 gives 61. Form an equation and solve it.

Worksheet 2

Name: _____ Date: _____

INSTRUCTIONS

Answer all ten questions. Show steps and units in maths. Use complete sentences where a reason is needed.

01. Find the sum of the interior angles of a hexagon.

02. Three angles of a quadrilateral are 70° , 95° and 110° . Find the fourth.

03. Find the area of a trapezium with parallel sides 8 cm and 14 cm, and height 6 cm.

04. Find the volume of a cuboid measuring $8\text{ cm} \times 5\text{ cm} \times 3\text{ cm}$.

05. Find the total surface area of a cube of side 4 cm.

06. Find simple interest on ₹2,000 at 5% per year for 2 years.

07. A shirt marked ₹1,200 has a 20% discount. Find the selling price.

08. Scores are 6, 8, 8, 10 and 13. Find the mean and mode.

09. A bag has 3 red and 5 blue marbles. Find the probability of drawing a red marble at random.

10. Six workers finish a job in 12 days. At the same daily rate, how long will 8 workers take?

Answer keys

CHECK YOUR WORK

Equivalent answers are valid. For writing tasks, check relevance, clear language and the requested length.

Worksheet 1

01. $-6/8 + 5/8 = -1/8$.
02. $-21/126 = -1/6$.
03. $-7/5$.
04. Example: $5/12$. Other valid values are acceptable.
05. $3x = 27$; $x = 9$.
06. $5y - 10 = 3y + 8$; $2y = 18$; $y = 9$.
07. 42, because $42 \times 42 = 1764$.
08. $2^{(3+5-4)} = 2^4 = 16$.
09. Increase = ₹12; new price = ₹92.
10. $4x + 9 = 61$; $4x = 52$; $x = 13$.

Worksheet 2

01. $(6 - 2) \times 180^\circ = 720^\circ$.
02. $360^\circ - 275^\circ = 85^\circ$.
03. $\frac{1}{2} \times (8 + 14) \times 6 = 66 \text{ cm}^2$.
04. $8 \times 5 \times 3 = 120 \text{ cm}^3$.
05. $6 \times 4^2 = 96 \text{ cm}^2$.
06. $(2000 \times 5 \times 2)/100 = ₹200$.
07. Discount = ₹240; selling price = ₹960.
08. Mean = $45/5 = 9$; mode = 8.
09. $3/(3 + 5) = 3/8$.
10. Work = 72 worker-days; time = $72/8 = 9$ days.

Concept reference: NCERT Class VIII Mathematics. Questions are original practice items.

Science

Explain what happens and why.

IN THIS SECTION	PRACTICE
Worksheet 1	10 questions
Worksheet 2	10 questions
Answer keys	After both worksheets

Practice focus

- Microorganisms and farming
- Forces and friction
- Combustion and safety

STUDENT DETAILS

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Class / section: _____

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Worksheet 1

Name: _____ Date: _____

INSTRUCTIONS

Answer all ten questions. Show steps and units in maths. Use complete sentences where a reason is needed.

01. What are microorganisms? Name two groups.

02. Which microorganism is commonly used to make bread rise?

03. How does Lactobacillus help make curd?

04. What is fermentation?

05. Why should antibiotics not be taken without medical advice? Give one reason.

06. How does vaccination help protect someone from disease?

07. Name one kharif crop and one rabi crop grown in India.

08. Why is soil loosened before sowing? Give two reasons.

09. What are weeds? Why should they be removed?

10. Name two methods of preserving food. Explain how one slows spoilage.

Worksheet 2

Name: _____ Date: _____

INSTRUCTIONS

Answer all ten questions. Show steps and units in maths. Use complete sentences where a reason is needed.

01. State two effects of a force on an object.

02. Define pressure. Write its relation to force and area.

03. Why does a sharp knife cut more easily than a blunt one?

04. Why is a wheeled suitcase easier to pull than one that is dragged?

05. Why do sports shoes have grooved soles?

06. What is a lubricant? Give an example.

07. How does sucking through a straw make liquid rise?

08. Name the three conditions required for combustion.

09. Why must water not be used on a live electrical fire?

10. Is friction always harmful? Give one useful and one harmful effect.

Answer keys

CHECK YOUR WORK

Equivalent answers are valid. For writing tasks, check relevance, clear language and the requested length.

Worksheet 1

01. Organisms too small to see clearly with the unaided eye. Groups include bacteria and fungi.
02. Yeast.
03. It produces lactic acid, which helps turn milk into curd.
04. Conversion of sugar into alcohol by yeast. Carbon dioxide is also released.
05. Wrong use can cause harm and encourage antibiotic resistance. Antibiotics do not treat viral infections.
06. It prepares the immune system to recognise and fight a particular disease-causing agent.
07. Kharif: rice. Rabi: wheat. Other correct examples are valid.
08. It lets roots spread and breathe, and supports earthworms and microbes in soil.
09. Unwanted plants growing with crops. They compete for water, nutrients, light and space.
10. Refrigeration and drying. Refrigeration slows microbial growth; drying removes moisture needed by many microbes.

Worksheet 2

01. It can change speed, direction or shape. Any two.
02. Pressure is force per unit area: $\text{pressure} = \text{force}/\text{area}$.
03. A smaller contact area produces greater pressure for the same force.
04. Rolling friction is usually smaller than sliding friction.
05. The grooves improve grip by increasing friction with the ground.
06. A substance that reduces friction between moving surfaces, such as oil or grease.
07. Lower pressure inside lets atmospheric pressure on the liquid surface push liquid up the straw.
08. Fuel, oxygen (air), and enough heat to reach ignition temperature.
09. Water may conduct electricity and cause electric shock. Alert an adult; use suitable fire equipment.
10. No. It helps us walk or brake, but also causes wear and unwanted heating in machines.

Concept references: NCERT Class VIII Science, chapters on crops, microorganisms, combustion, force and friction.

Social Science

Link an idea to a real example.

IN THIS SECTION	PRACTICE
Worksheet 1	10 questions
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Practice focus

- Constitution and equality
- Resources and conservation
- Evidence from the past

STUDENT DETAILS

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Worksheet 1

Name: _____ Date: _____

INSTRUCTIONS

Answer all ten questions. Show steps and units in maths. Use complete sentences where a reason is needed.

01. What is a constitution?

02. Give two reasons why a country needs a constitution.

03. What does secularism mean in the Indian context?

04. What is federalism?

05. Name the three organs of government and one job of each.

06. Explain rule of law in one or two sentences.

07. Why are Fundamental Rights important?

08. What is universal adult franchise?

09. A school excludes a child only because of religion. Which constitutional value does this ignore?

10. Why should judges decide cases without pressure from the government?

Worksheet 2

Name: _____ Date: _____

INSTRUCTIONS

Answer all ten questions. Show steps and units in maths. Use complete sentences where a reason is needed.

01. What makes something a resource?

02. Distinguish between renewable and non-renewable resources with examples.

03. Why must renewable resources also be used carefully?

04. What is sustainable development?

05. Give two practical ways to conserve water at home.

06. How does education help people become a valuable human resource?

07. What is a historical source? Give two examples.

08. Why might a report and a diary describe the same event differently?

09. Why should a historian compare several sources?

10. A village wants to cut a forest for income. Suggest two alternatives that protect trees and support livelihoods.

Answer keys

CHECK YOUR WORK

Equivalent answers are valid. For writing tasks, check relevance, clear language and the requested length.

Worksheet 1

01. Basic rules and principles by which a country is governed.
02. It defines government powers and protects rights. It also sets shared values and limits misuse of power.
03. The State does not favour one religion, and people have freedom of religion within constitutional limits.
04. Power is divided between the central and state governments.
05. Legislature: makes laws. Executive: implements laws. Judiciary: interprets laws and settles disputes.
06. Everyone is subject to the law, without special treatment merely because of power or position.
07. They protect basic freedoms and guard against unfair treatment and misuse of State power.
08. Every adult citizen has the right to vote, subject to legal conditions. In India, the voting age is 18.
09. Equality and freedom of religion. The child should not be excluded solely on religious grounds.
10. An independent judiciary can protect rights and make fair decisions even when the government is involved.

Worksheet 2

01. Its usefulness or utility in meeting a need.
02. Renewable: naturally replenished, such as solar energy. Non-renewable: takes very long to form, such as coal.
03. Some, such as forests or groundwater, can be depleted if used faster than they recover.
04. Meeting present needs while conserving resources and opportunities for future generations.
05. Fix leaking taps; collect suitable rainwater. Other sensible actions are acceptable.
06. It builds knowledge and skills for solving problems and doing productive work.
07. Evidence used to study the past, such as letters, diaries, official records, buildings or objects.
08. The writers have different purposes, experiences and viewpoints; each may omit details.
09. To check claims, identify bias and build a fuller account.
10. Carefully managed collection of non-timber forest products and community-led nature tourism. Explain how each can support income without clearing the forest.

Concept references: NCERT Class VIII, Social and Political Life III; Resources and Development; Our Past III.