

Lesson Plans | PPTs | Worksheets | Google Forms

ORDER OF OPERATIONS

✓ Comprehensive Printable

EDITABLE Lesson Plans in .DOC

✓ **Editable PPTs** & copy in **PDF**

✓ MCQs & Short Responses

Formatted **Work Sheets (Editable)**

✓ MCQs (**Auto Check**) & Short Responses

Digital **Google Forms (Google Classroom Ready)**



 **FULLY EDITABLE** |  **NO PREP** | **GRADES 1-8**



© Useful Resources For Everyone

Comprehensive & Interactive Lesson Plans for Order of Operations

Order of Operations: Comprehensive Lesson Plans

Week 1: Introduction to Order of Operations

Lesson 1: Introduction to PEMDAS

Date: Monday, January 5, 2026

Week: 1

Learning Objectives:

- Understand the concept of order of operations
- Introduce PEMDAS acronym
- Explain the importance of following a specific order in mathematical operations

Teaching Methodology/Strategy:

- Direct instruction
- Guided practice
- Interactive discussion

Lesson Planner & Detailed Plan:

1. Introduction (5 minutes)
 - Engage students with a fun math problem that yields different results based on the order of operations
 - Discuss why we need a standard order for solving mathematical expressions
2. Introduce PEMDAS (15 minutes)
 - Present the PEMDAS acronym
 - Explain each component: Parentheses, Exponents, Multiplication, Division, Addition, Subtraction
 - Use mnemonic device: "Please Excuse My Dear Aunt Sally"
3. Guided Practice (15 minutes)
 - Work through simple examples on the board, emphasizing each step of PEMDAS
 - Have students participate in solving problems as a class

4. Wrap-up and Assignment (5 minutes)

- Recap the importance of PEMDAS
- Assign homework

Activities, Resources, Class Work, Home Work:

- Class Work: Solve simple PEMDAS problems as a group
- Homework: Complete a worksheet with 10 basic order of operations problems

Tips & Strategies for teachers:

- Use colorful visuals to represent each step of PEMDAS
- Encourage students to create their own mnemonic devices for remembering PEMDAS

Exam preparation guidance:

- Emphasize the importance of writing out each step when solving problems
- Practice identifying which operation should be performed first in various expressions

Relevant Quiz:

1. MCQ: What does the 'P' in PEMDAS stand for?
 - a) Plus
 - b) Parentheses
 - c) Power
 - d) Percent

2. Short Question: Why is it important to follow the order of operations?

(Answer Key: 1. b) Parentheses, 2. To ensure consistent and correct results when solving mathematical expressions)

****Unlock Order of Operations Mastery!**** These meticulously crafted lesson plans by experienced USA/UK educators offer ready-to-teach resources. Maximize student success with comprehensive objectives, engaging activities, classwork, homework, and assessment ideas. ****Save time, inspire learning, boost results!****

No Prep & Interactive Google Slides/PowerPoint:
Ready-to-Teach Visuals to teach

Order of Operations

NO-PREP
PRESENTATION:
CAPTIVATE
STUDENTS &
CLARIFY CONCEPTS!

EDITABLE PPT & PDF
WITH RELEVANT HD
IMAGES



Welcome to the Order of Operations!

- Get ready for an exciting journey through the world of math!
- Today, we'll learn how to solve tricky math problems using a special code.
- Can you guess what PEMDAS stands for? We'll find out soon!



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What is the Order of Operations?

- It's a set of rules that tell us which math operations to do first.
- Why do we need it? To get the correct answer every time!
- Think of it as a recipe for solving math problems.
- What might happen if we don't follow the order?



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Meet PEMDAS: Your New Math Buddy!

- PEMDAS is a fun way to remember the order of operations.
- P = Parentheses
- E = Exponents
- M = Multiplication
- D = Division
- A = Addition
- S = Subtraction
- Can you make up a funny sentence to remember PEMDAS?



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Self-Grading Quizzes & Assessments

- 01- Copy from the given link
- 02- Student attempts
- 03- Results saved
- 04- Insights
- 05- Review

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Copy of Types of Sentences (Responses)

Timestamp	Score	Important Quiz
23/06/2025 21:37:09	9 / 20	Yes, I have read

1. Which type of sentence states a fact or opinion?

☐ Interrogative

☐ Imperative

☐ Declarative

☐ Exclamatory

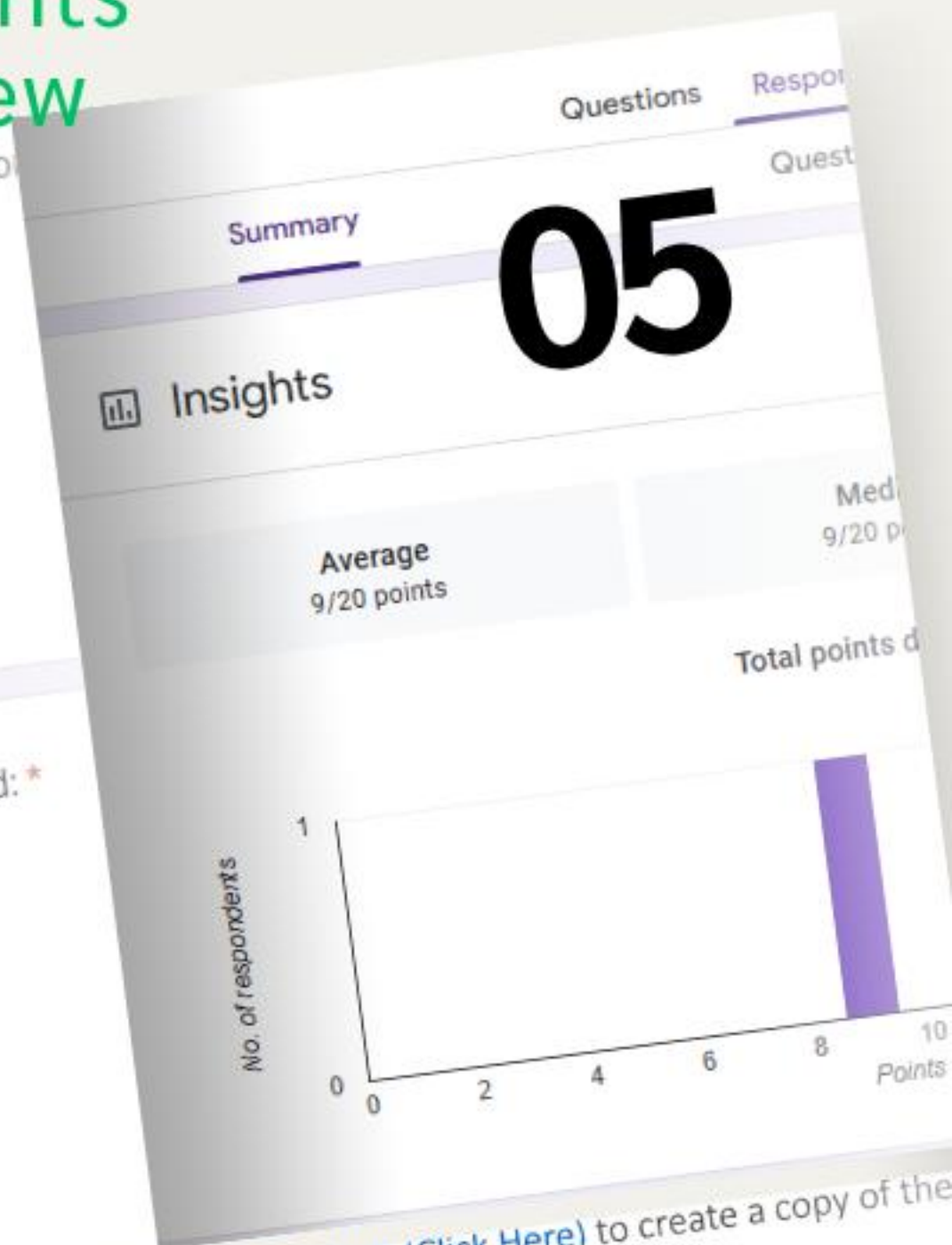
2. A sentence that asks a question is called: *

☐ Declarative

☒ Interrogative

☐ Imperative

☐ Exclamatory



Frequently missed questions

Question

3. Which punctuation mark typically ends an imperative sentence?

4. "What a beautiful day!" is an example of which sentence type?

5. Which sentence type often begins with a verb?

Use [This Link \(Click Here\)](#) to create a copy of the Online MCQs Quiz

Use [This Link \(Click Here\)](#) to create a copy of the Online Structured Questions Quiz

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Step by Step Video Guide for MCQs: <https://youtu.be/NHxS3gWujXk>

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Step 1: Copy The Link

Click the above link to copy the Google Form to your Google Drive.

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Want to modify questions? Just edit the form directly:

- Click any question to edit text or point values (Marks)
- Click the "+" button to add new sections

SAMPLE QUESTION TYPES SHOWN; ACTUAL QUESTIONS WILL MATCH THE RESOURCE TOPIC.

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ANSWER KEY

Question	Correct Answer
1	C
2	B
3	D
4	D
5	C
6	B
7	C
8	C
9	C
10	D
11	D
12	C
13	B

3. Which punctuation mark typically ends an sentence?

- a) Question mark
- b) Exclamation point
- c) Period
- d) Both b and c are possible

4. "What a beautiful day!" is an example of which sentence type?

- a) Declarative
- b) Interrogative
- c) Imperative
- d) Exclamatory

5. Which sentence type often begins with a verb?

- a) Declarative

TYPES OF SENTENCES

Roll No: _____ Name: _____

Class: _____ Section: _____

Date: _____ Subject: _____

School: _____

1. Which type of sentence states a fact or opinion?

- a) Interrogative
- b) Imperative
- c) Declarative
- d) Exclamatory

2. A sentence that asks a question is called:

- a) Declarative
- b) Interrogative
- c) Imperative

SAMPLE QUESTION TYPES SHOWN; ACTUAL QUESTIONS WILL MATCH THE RESOURCE TOPIC.

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Type of Sentences Short Response Questions

Roll No: _____ Name: _____

Class: _____ Section: _____

Date: _____ Subject: _____

School: _____

Instructions: Answer all questions in complete sentences. Write clearly and concisely. Each response should be 3-5 sentences. Use the provided lines for your answers.

Q1: Define a declarative sentence and provide an example.

Answer Key

Sample Answer to Question 1

A declarative sentence states a fact or opinion and ends with a period.
Example: "The sky is blue."

Sample Answer to Question 2

To turn a declarative sentence into an interrogative sentence, add a question word or auxiliary verb and end with a question mark.
Example: "The sky is blue." becomes "Is the sky blue?"

Sample Answer to Question 3

The main purpose of an exclamatory sentence is to express strong emotion or excitement.

Sample Answer to Question 4

Common question words: Who, What, Where (also How, When, Why)

Sample Answer to Question 5

A period at the end of an imperative sentence gives it a command. An exclamation point adds urgency or emphasis.

What is the main purpose of an exclamatory sentence?

List three common question words used in interrogative sentences.

SAMPLE QUESTION TYPES SHOWN; ACTUAL QUESTIONS WILL MATCH THE RESOURCE TOPIC.

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