HARI VIDYA BHAWAN   *Date – 29/01/2021*

PRACTICE WORKSHEET-64
SUBJECT – MATHEMATICS
CLASS – IX
CHAPTER-6
(Lines and Angles)
SESSION - (2020-21)

Instructions to be followed: -

1: -From now onwards students do your worksheets in your particular subject notebook respectively. Don't use rough sheets, old copies or anything else. All the stationary shops have already opened. So, you can purchase it.

2: - All the students must complete their worksheets as Periodic test marks will be given to those who completes it else you will have to go through pen paper test after the school reopens.
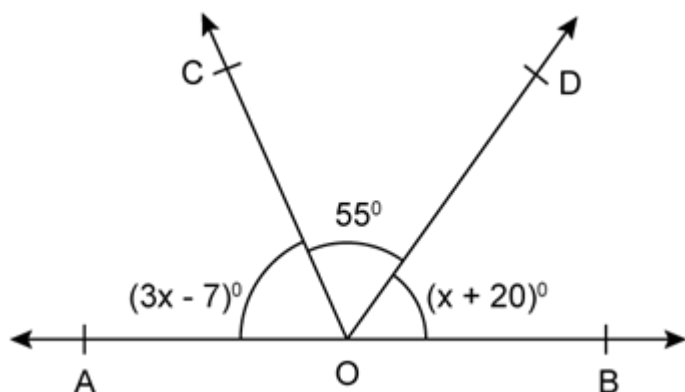
3: - Read each and every topic (which will be given in worksheets) of the chapters from NCERT books.

4: - All the students must purchase NCERT books as it will help you to understand the chapter.
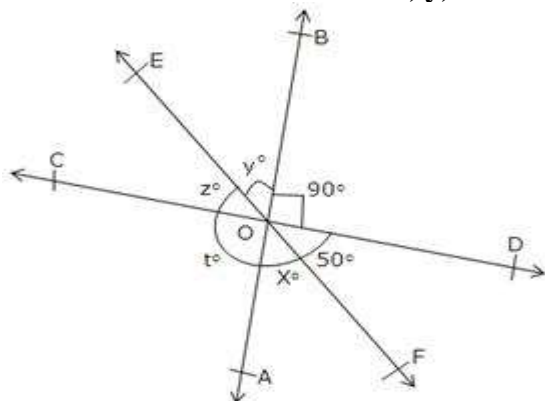
5: - If you have any query related to worksheet, ask your queries in WhatsApp group between 8:00 am to 3:00 pm.

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1. Two complementary angles are in the ratio 4: 5. Find the angles.

2. In the adjoining figure, AOB is a straight line. Find the value of x. Hence, find ∠AOC and ∠BOD.
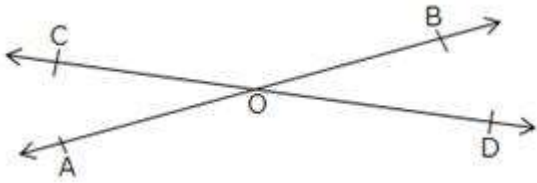

3. In the given figure, three coplanar lines AB, CD and EF intersect at a point O, forming angles as shown. Find the values of x, y, z and t.
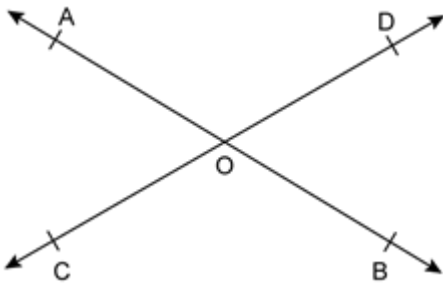
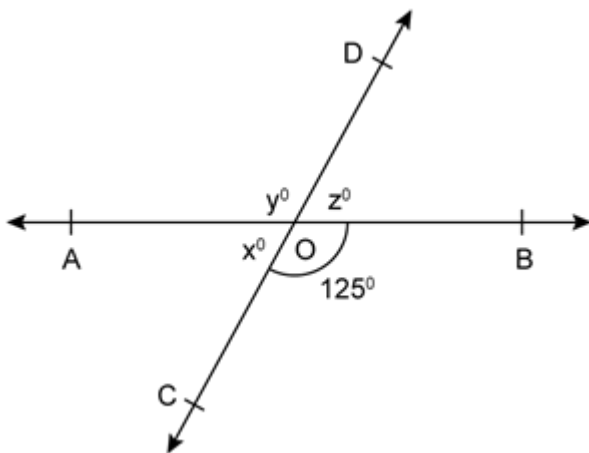4. **Two adjacent angles on a straight line are in the ratio 5: 4. Find the measure of each one of these angles.**

5. **Two lines AB and CD intersect at a point O such that $\angle BOC + \angle AOD = 280^\circ$, as shown in the figure. Find all the four angles.**
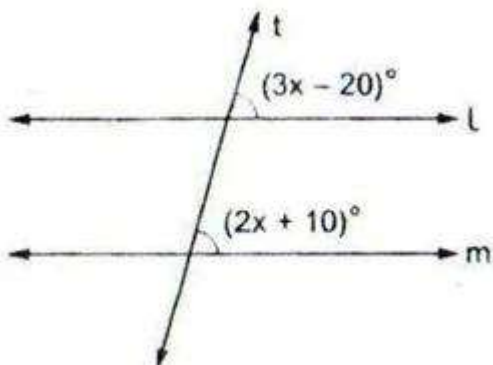

6. **Two lines AB and CD intersect each other at a point O such that $\angle AOC : \angle AOD = 5 : 7$. Find all the angles.**

7. **In the given figure, the two lines AB and CD intersect at a point O such that $\angle BOC = 125^\circ$. Find the values of x, y and z.**

8. **For what value of x will the lines l and m be parallel to each other?**

For Solutions (Q1 to Q5): https://www.topperlearning.com/r-s-aggarwal-and-v-aggarwal-solutions/cbse-class-9-mathematics/r-s-aggarwal-and-v-aggarwal-mathematics-ix/lines-and-angles

HARI VIDYA BHAWAN

SUBJECT- SOCIAL SCIENCE

CLASS – IX

SESSION – 2020 – 21

WORK SHEET - 64

Date –29-01-2021

General Instructions: -

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Chapter 2 Physical Features of India

Short Answer Questions:

1. Write short notes on: (100 words each)
   (a)   The Indian desert
   (b)   The central highlands
   (c)   The Island group of India
   (d)   The Deccan Trap
2. What are the three types of plate movements on the earth?
3. Write the importance of peninsular plateau?

हरि विद्या भवन
विषय - हिंदी

सामान्य निर्देश

* प्रस्तुत कार्य अपनी हिंदी साहित्य की पुस्तिका में कीजिए। किसी अन्य पुस्तिका में किया गया कार्य स्वीकार नही किया जायेगा ।

* सभी विद्यार्थियों को परीक्षा हेतु यह कार्य करना अनिवार्य है।

* वर्कशीट में दिए गए पाठ और कविता को ध्यानपूर्वक पढ़े।

* वर्कशीट से सम्बंधित समस्या पूछने के लिए आप अपने कक्षा ग्रुप पर सुबह 8 बजे से 3 बजे तक मैसेज कर सकते।

हरि विद्या भवन

कक्षा - दसवीं

विषय - हिंदी

वर्कशीट - 64

दिनांक :- 29|1|21

हिंदी व्याकरण

<u>लघु - कथा</u>

(महत्वपूर्ण सूचना :- प्रिय विद्यार्थियों आप सभी को सूचित किया जाता है की सीबीएसई की तरफ से आपके पाठ्यक्रम (कक्षा 10) में व्याकरण के लेखन पक्ष में से **संवाद हटा दिया गया है|** उसको परिवर्तित करके **लघु -कथा जोड़ दिए गया है|)**

<u>**लघु -कथा का अर्थ**</u> :- जब हम कोई छोटी कहानी लिखते हैं या पढ़ते हैं तो उसे लघु - कथा कहते हैं। छोटी कहानी लघु - कहानी होती है। जीवन की किसी घटना का जब हम संक्षेप में रोचक वर्णन करते हैं तो उसे लघु - कथा कहते हैं। कहानी सुनने ,पढ़ने और लिखने की एक लम्बी परंपरा हर देश में रही है क्योंकि यह सबके लिए मनोरंजक होती है। इन

कहानियों का उद्देश्य मुख्यतः मनोरंजन होता है किन्तु इनसे कुछ - न - कुछ शिक्षा भी मिलती है। लघु - कथा एक कला है।

प्र01) दिए हुए विषयों पर 100 से 120 शब्दों में लघु - कथा लिखिए।

(क) गंगा और मैं।

(ख) यदि में समाचार पत्र होता।

(ग) गुब्बारे वाला।

(घ) मेरा प्रिय दोस्त।

https://youtu.be/AZJJMq_Crlo

HARI VIDYA BHAWAN
Worksheet-64
Class-X
Subject-Science
Session-2020-21
(Practice Questions)

Date: 29/01/2021

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Short Answer Type Question: -

Q.1 Name the type of reaction :iron reacts with chlorine to form ferric chloride.

Q.2 What is the role of catalyst in chemical reaction ?

Q.3 State the relationship between 1 ampere and 1 coulomb.

Q.4 A given length of a wire is doubled and this process is repeated once again. By what factor does the resistance of the wire changes?

Q.5 What is the effect of DNA copying which is not perfectly accurate on the reproduction process?

For question numbers 6 - 10 , two statements are given –one labeled Assertion (A) and the other labeled Reason (R) . Select the correct answer to these question from the codes (i), (ii) , (iii) and (iv) as given below.

(i)   Both A and R are true and R is correct explanation of the assertion.
(ii) Both A and R are true but R is not the correct explanation of the assertion.
(iii) A is true but R is false.
(iv) A is false but R is true.

Q.6 **Assertion:** Saliva contains pepsin enzymes.
    Reason: Pepsin digests lipids.

Q.7 **Assertion:** Nichrome is used in making of heater rods.
    Reason: Nichrome has high resistivity.

Q.8 **Assertion:** Bleahing powder has a strong smell of chlorine.
    Reason: Bleaching powder is a white powder and an oxidising agent.

Q. 9   **Assertion:** Auminium oxide is an amphoteric oxide.
    Reason: Theu react with acid as well as a base to form salt and water.

Q.10 **Assertion:** Two wires of same length and material have different areas of the cross-section.
    Reason: The wire with the lower area of cross-section has the lower resistivity.

Note –
   ➢ This worksheet is for your self assessment. To solve the above questions read all the notes and NCERT books & try to answer them.
   ➢ All the practice worksheets have to be done in same notebook wherever you are writing notes.