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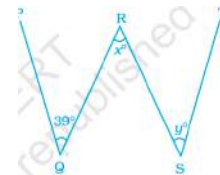
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WORK SHEET
SUBJECT- Maths
Chapter 5: Lines and angles

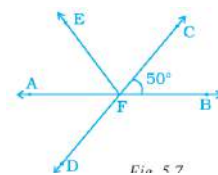
CLASS- VII**Date- 04.9.14**

- 1 In the fig four line segments PQ, QR, RS and ST are making the letter W, $PQ \parallel RS$ and $QR \parallel ST$. If angle between PQ and QR is 39° , find the value of x and y



- 2 Out of a pair of complementary angles, one is $\frac{2}{3}$ of the other. find the angles.

- 3 In the fig CD intersects the line AB at F, $\angle CFB = 50^\circ$ and $\angle EFA = \angle AFD$. Find the measure of $\angle EFC$.



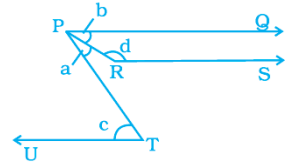
- 4 Measures of two supplementary angles are consecutive odd

integers. Find the angles

5 In the fig PQ,RS and UT are parallel lines.

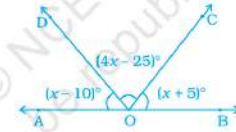
i. if $c=57^\circ$ and $a=\frac{c}{3}$, find the value of d

ii. $c=75^\circ$ and $a=\frac{2}{5}c$, find b

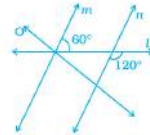


6 If a transversal intersects two parallel lines, and the difference of two interior angles on one side of the transversal is 20° , find the angles.

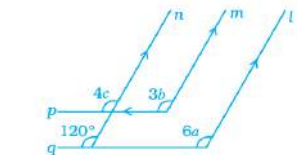
7 Find the value of $\angle BOC$, If points A ,O and B are collinear



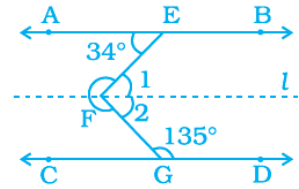
8 In the fig state which pair of lines are parallel. give reason



9 In the fig l m and n are parallel lines, and the lines p and q are also parallel ,find the value of a, b and c



10 In fig $AB \parallel CD$. Find the reflex $\angle EFG$



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WORK SHEET SUBJECT- Science

Chapter-11: Respiration in plants and animals

CLASS- VII

Date: 04.09.14

Q.1 MATCH THE FOLLOWING:

- a) Larynx -Fermentation
- b) Guard Cell – Voice Box
- c) Phenolphthalein - Stomata
- d) Alcohol – Pink in Alkaline

Q.2 DEFINE THE FOLLOWING:

- a) Respiration Rate
- b) Fermentation

- c) Aerobic Respiration
- d) Diaphragm

Q.3 DRAW THE LABELLED DIAGRAMS

- a) Lungs (Respiratory System)
- a) Stomata
- b) Alveoli
- c) Guard Cell

Q.4. Answer the following

- a) Describe the path taken by inhaled air from the nostrils to the lungs.
- b) Why the respiratory rate increases after exercise?
- c) How do fish and tadpole breath? How does an insect take in air and how does the air reach different part of the body?
- d) Why do gardener loosen the soil from time to time?
