



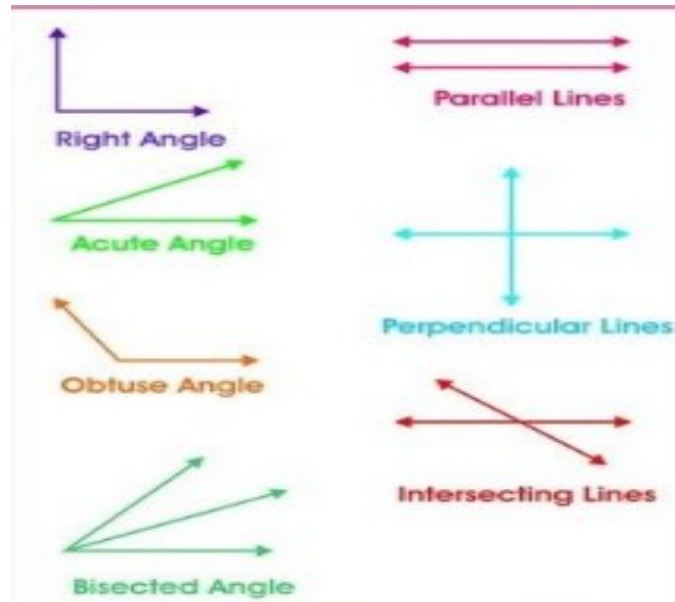
# SATISH CHANDRA MEMORIAL SCHOOL

CLASS: IX MATHEMATICS

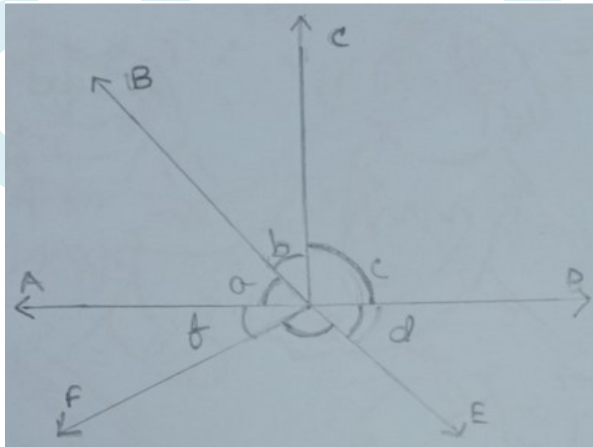
Worksheet (Ch: Lines & Angles)

By

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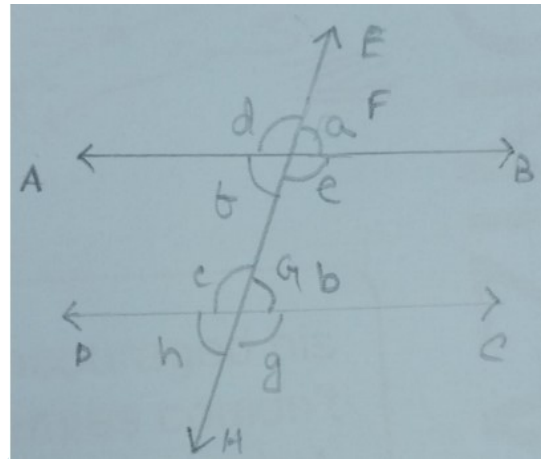


Observe the figure given below and then answer the questions:



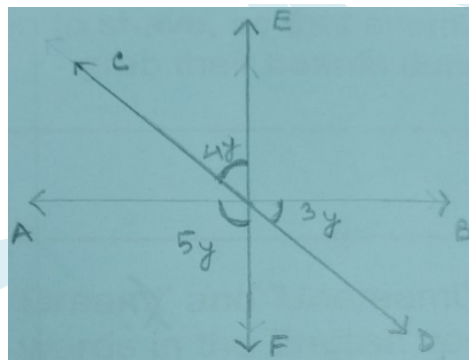
- 1) In the given figure angles  $a+b+c=$  \_\_\_\_\_
- 2) Sum of all angles around a point is \_\_\_\_\_

- 3) The line EH is known as \_\_\_\_\_
- 4) Angle d is \_\_\_\_\_ angle.
- 5) If  $AB \parallel DC$  then angle  $a =$  \_\_\_\_\_



Answer the following questions:

- 1) Find the value of  $y$  from the given figure.



- 2) Observe the given figure and prove that  $AB \parallel EF$ .

