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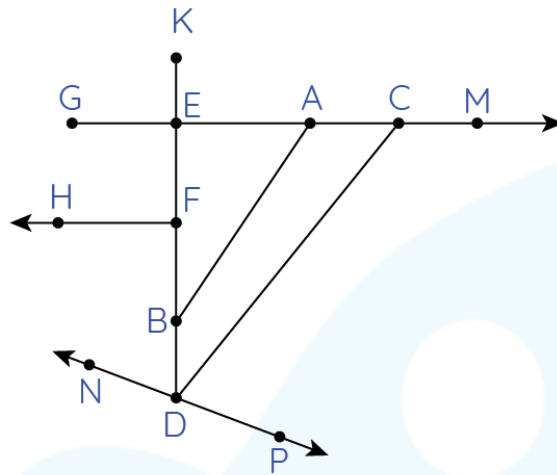
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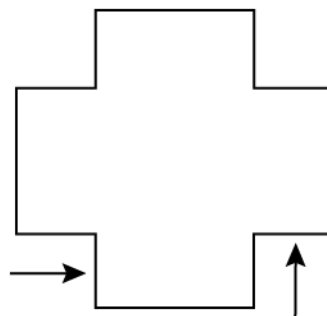
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PARALLEL PERPENDICULAR AND INTERSECTING LINES WORKSHEET III

Answer the following questions (1-5) based on the image shown below.

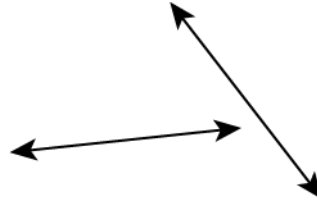


- 1) Lines AB and GM are _____ lines.
- 2) Are line KD and line FH perpendicular to each other?
- 3) Name any one pair of parallel lines.
- 4) Lines AB and CD are parallel lines.
a) True b) False
- 5) How many lines are perpendicular to KD?
- 6) State the relation between the highlighted lines shown below:



Identify each pair of lines as parallel, perpendicular or intersecting lines in the question 7, 8, and 9 given below.

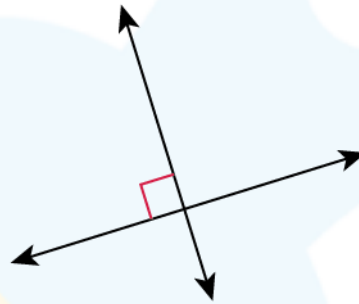
7)



8)



9)



10) A line n passes through the points $(3,8)$ and $(5,2)$, and another line which has an equation, $x = 0$, are _____ to each other.

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- Gary Schwartz

"Cuemath is great because my son has a one-on-one interaction with the teacher. The instructor has developed his confidence and I can see progress in his work. One-on-one interaction is perfect and a great bonus."

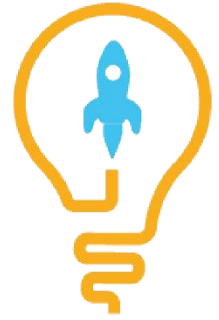
- Kirk Riley

"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda."

- Barbara Cabrera

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**ANSWERS**

| | |
|-----|-------------------|
| 1) | Intersecting |
| 2) | Yes |
| 3) | $GE \parallel HF$ |
| 4) | b |
| 5) | 2 |
| 6) | Intersecting |
| 7) | Intersecting |
| 8) | Parallel |
| 9) | Perpendicular |
| 10) | Intersecting |