

PRE-TEST
10

Perpendicular and Parallel Line Segments

Vocabulary

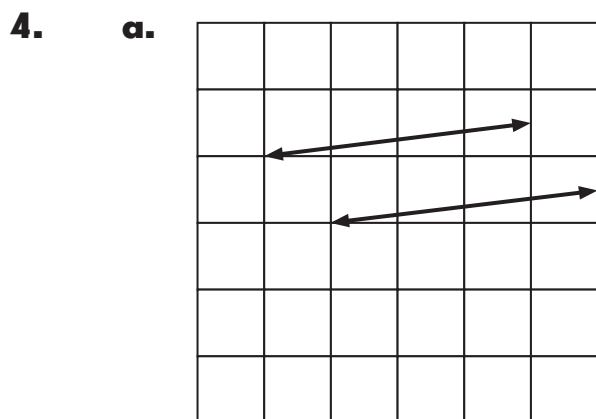
Fill in the blanks. Use the words in the box.

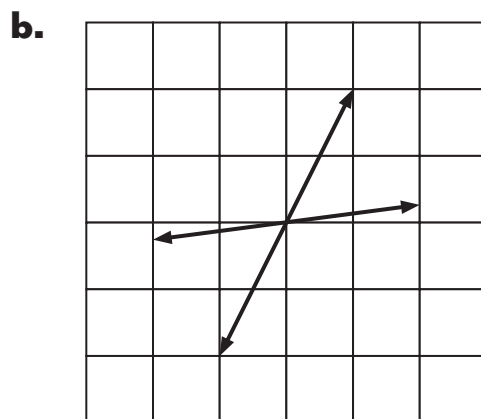
- _____ lines are a set of lines that will never meet no matter how long they are drawn.
- Parallel lines are always the same _____ apart.
- _____ lines are two straight lines that meet or cross at a _____ or 90° .

right angle
perpendicular
parallel
distance

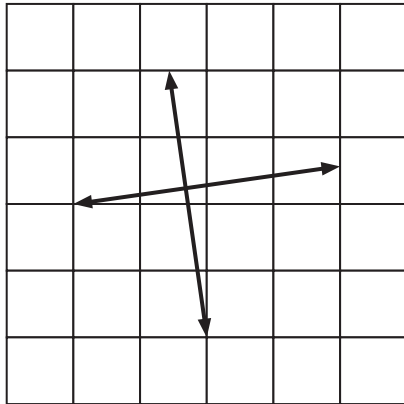
Concepts and Skills

Which pair of lines is parallel and which pair of lines is perpendicular?
Write *parallel*, *perpendicular*, or *neither*.





C.



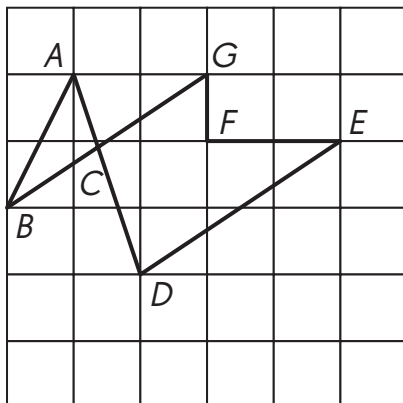
Fill in the blanks with *perpendicular* or *parallel*.



5. \overline{AB} is _____ to \overline{DC} . 6. \overline{DC} is _____ to \overline{BC} .
7. \overline{AD} is _____ to \overline{BC} . 8. \overline{AD} is _____ to \overline{AB} .

Name a pair of perpendicular line segments and a pair of parallel line segments.

9.



The perpendicular line segments are

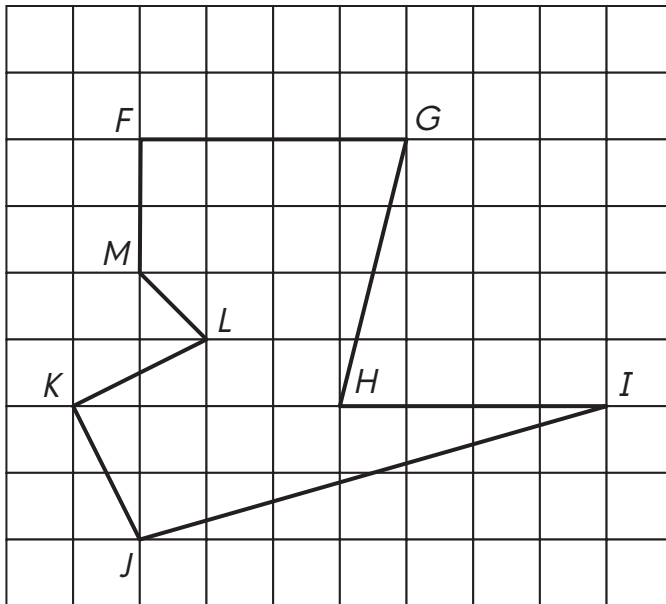
_____.

The parallel line segments are

_____.

Identify a pair of perpendicular line segments and a pair of parallel line segments on the figure shown. Use a straightedge and a protractor or drawing triangle to help you.

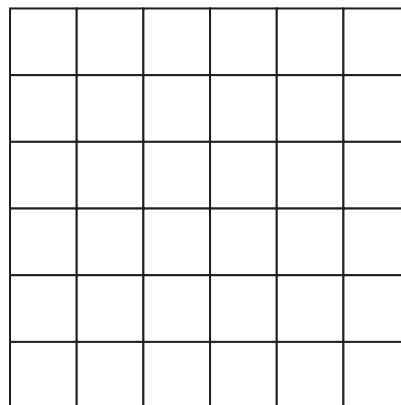
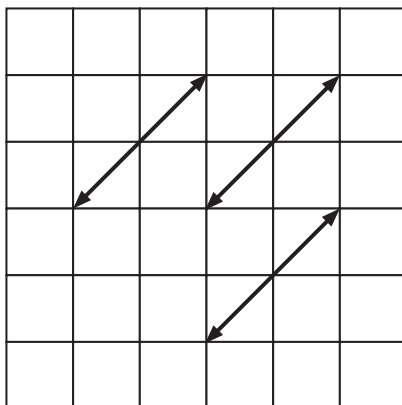
10.



The perpendicular line segments are _____.

The parallel line segments are _____.

11. Copy the set of parallel lines on the blank grid provided.



Name: _____

Date: _____

12. Copy the pair of perpendicular lines on the blank grid provided.

