



Math Virtual Learning

Middle School NES Math

April 08, 2020



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Lesson: April 08, 2020

Objective/Learning Target:
Students will describe how
pairs of lines are related.

Introduction to line relationships

Watch in English

Perpendicular
Parallel
**Parallel and
perpendicular
lines**

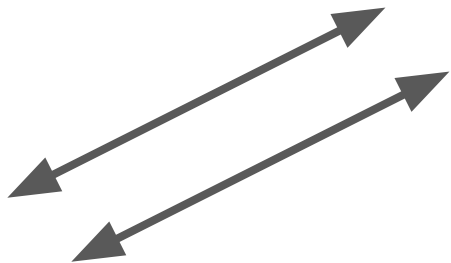


Watch in Spanish

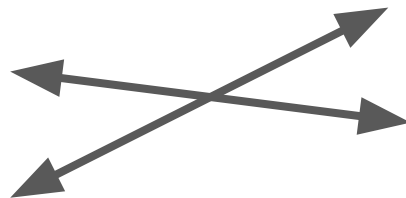
Rectas perpendiculares

Rectas paralelas

Pairs of Lines

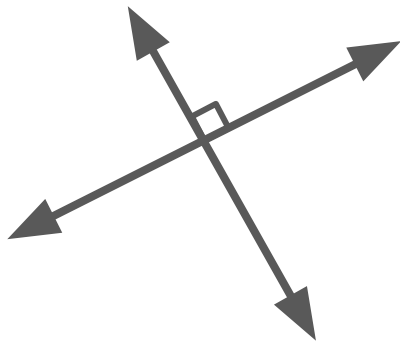


These lines are **parallel**.
They will never cross
each other.

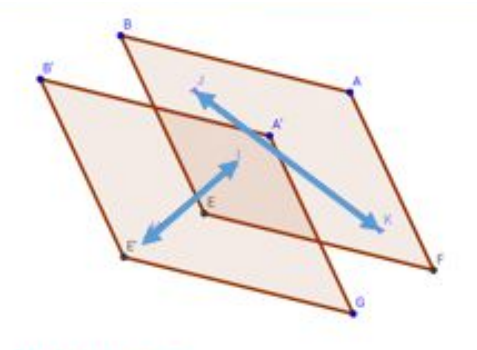


These are
intersecting lines.
They cross each
other one time.

Pairs of Lines



These lines are **perpendicular**. They cross each other one time and form a 90° angle.



These lines are **skew**. They will never cross each other because they are in different planes.

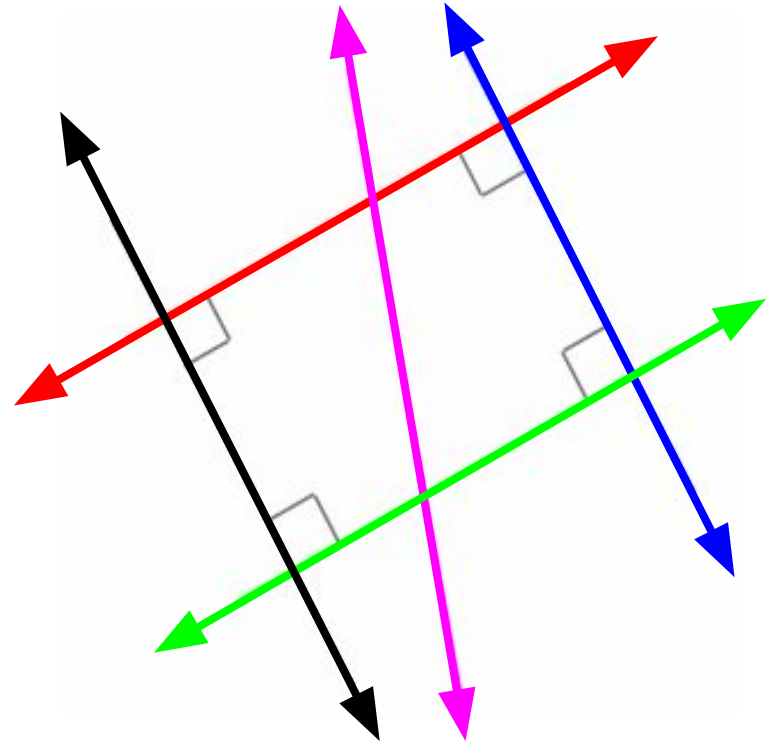
Practice identifying parallel and perpendicular lines.

Practice in English

Practice in Spanish

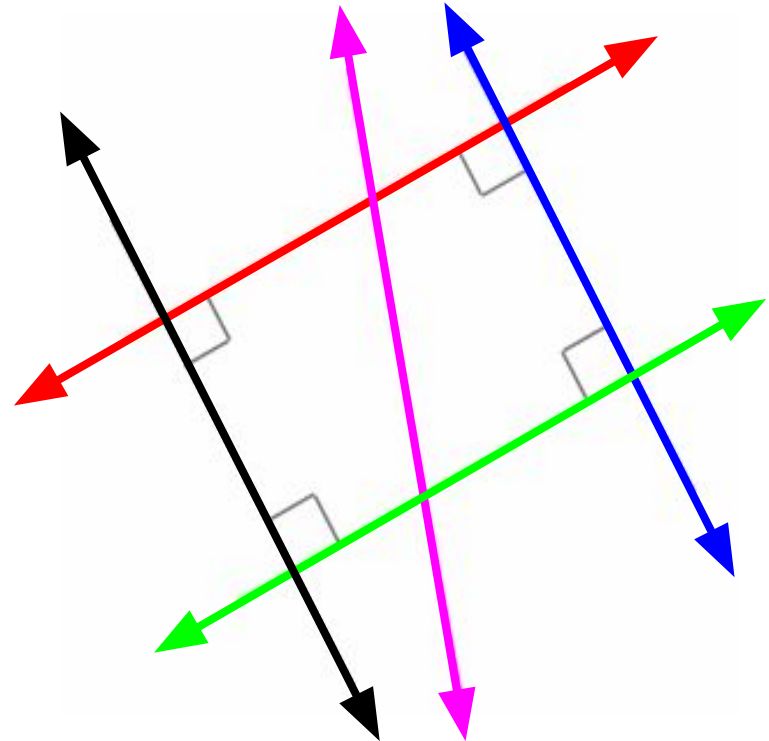
More Practice - Look at the figure below. Describe each pair of lines as parallel, intersecting (not perpendicular), or perpendicular.

- black and red - ?
- black and blue - ?
- black and purple - ?
- black and green - ?
- red and blue - ?
- red and green - ?
- red and purple - ?
- blue and green - ?
- blue and purple - ?
- green and purple - ?



More Practice - Answers

black and red - perpendicular
black and blue - parallel
black and purple - intersecting
black and green - perpendicular
red and blue - perpendicular
red and green - parallel
red and purple - intersecting
blue and green - perpendicular
blue and purple - intersecting
green and purple - intersecting



Additional practice:

Practice identifying parallel,
perpendicular, and intersecting lines