Inspiring Greatness

ISD

INDEPENDENCE SCHOOL DISTRICT

Math Virtual Learning

Middle School NES Math

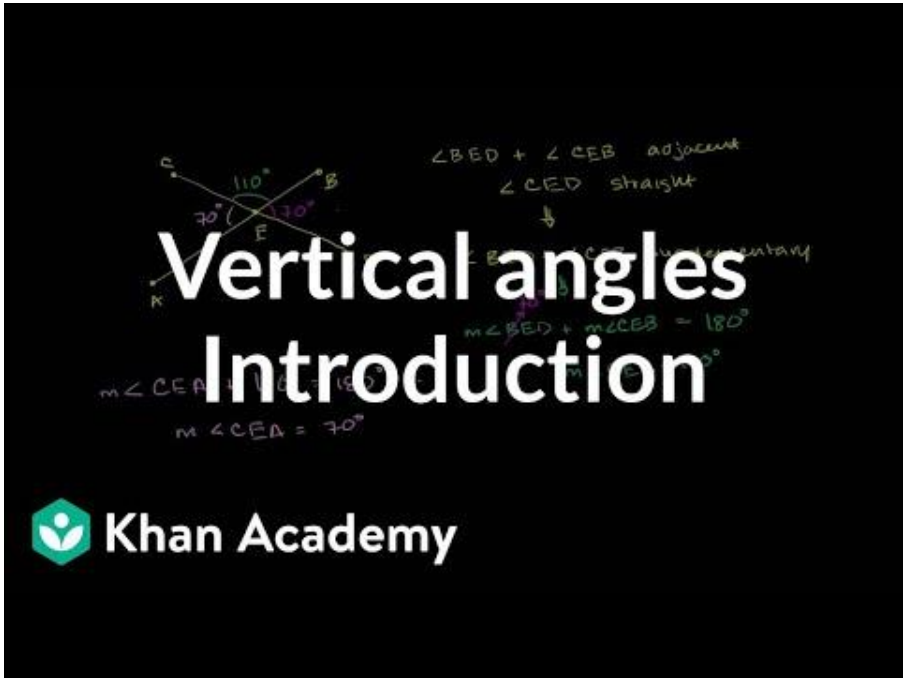
April 15, 2020

Middle School NES Math
Lesson: April 15, 2020

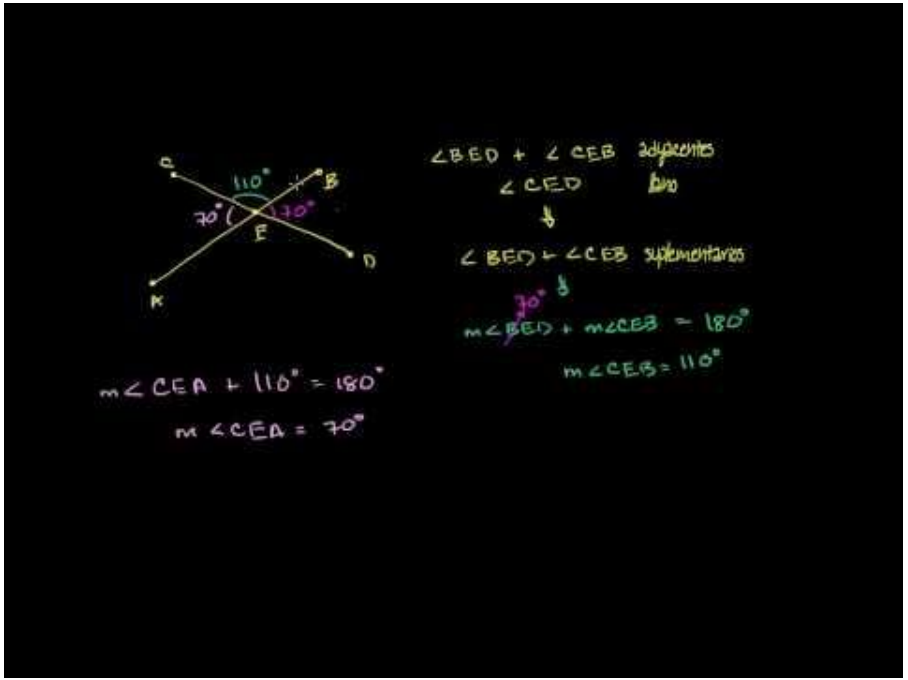
Objective/Learning Target:
Students will calculate the measure of vertical angles.

What are vertical angles?

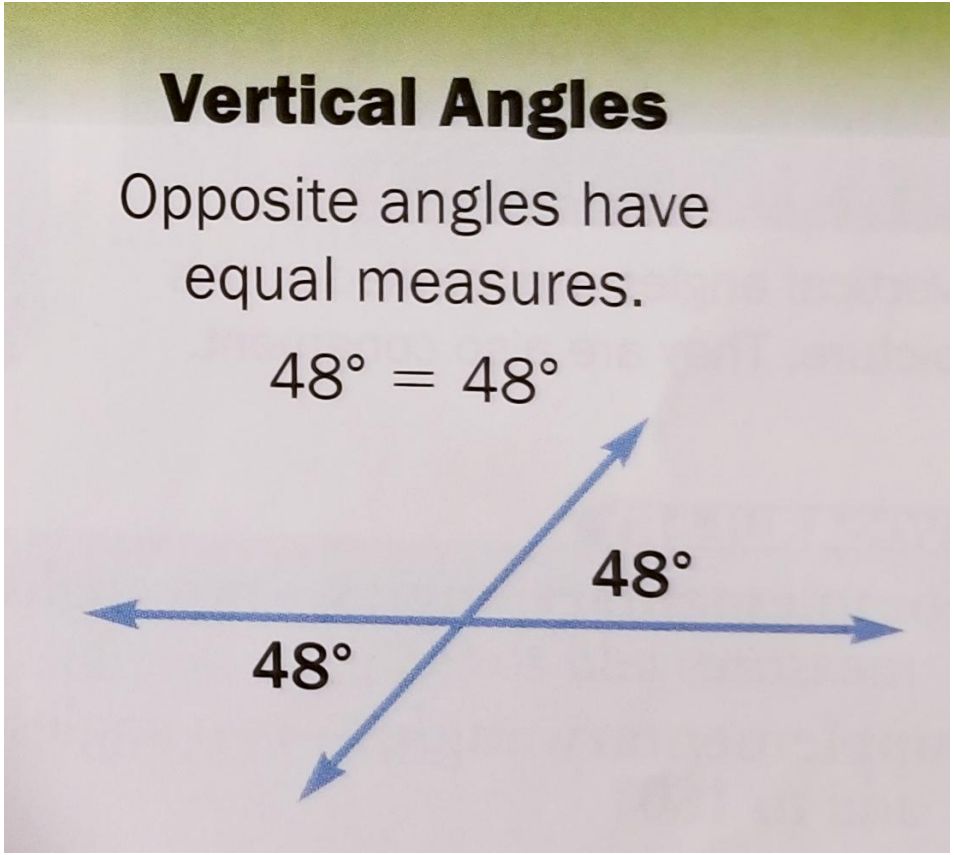
Watch in English



Watch in Spanish



Vertical Angles - Add to Notes



Pronunciation Practice

Click on each word or phrase. Then click the button to hear the word. Repeat each word or phrase.

vertical angle

opposite

equal

degrees

Opposite angles have equal measures.

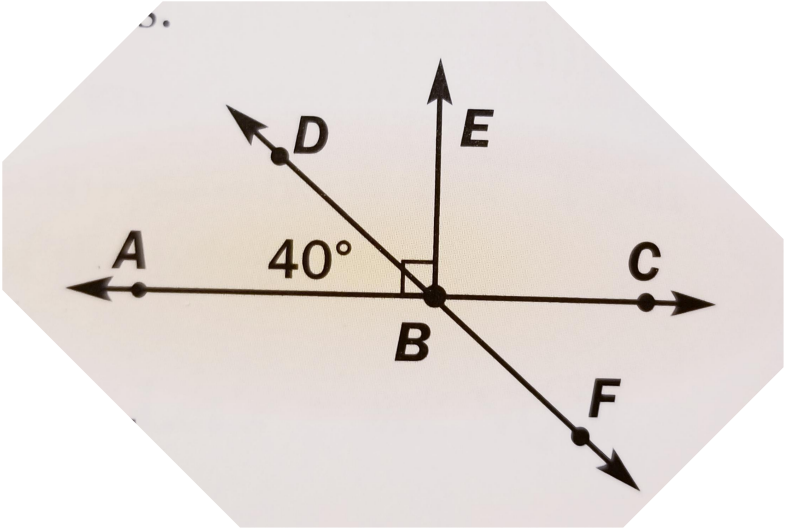
Practice calculating the measure of angles.

Practice in English

Practice in Spanish

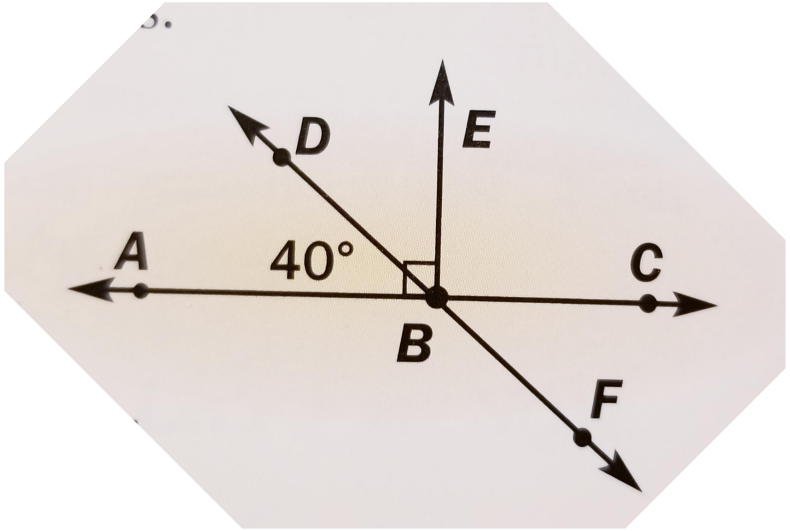
More Practice - Use the figure on the right to answer the questions.

1. Name a pair of supplementary angles.
2. Name a pair of complementary angles.
3. Name a pair of vertical angles.
4. Find *m∠FBC, m∠ABF, and m∠DBE*.



More Practice - Answers

1. Name a pair of supplementary angles.
   ∠ABD and *∠CBD*; *∠ABE* and *∠CBE*; *∠DBE* and *∠FBE*; *∠DBC* and *∠FBC*
2. Name a pair of complementary angles.
   ∠ABD and *∠DBE*
3. Name a pair of vertical angles.
   ∠ABD and *∠FBC*; *∠ABF* and *∠CBD*
4. Find *m∠FBC*, *m∠ABF*, *and m∠DBE*.
   m∠FBC = 40°
   m∠ABF = 140°
   m∠DBE = 50°



Additional Practice:

English

Spanish