How do you know if ABCD and EFGH are similar?



In this lesson you will learn how to determine if two figures are similar by using a series of rigid transformations and dilations









Core Lesson

Similar Polygons : Have the same shape but not necessarily the same size. All pairs of corresponding sides are proportional

All pairs of corresponding angles are congruent



The way you write your similarity statement is important.







List all the pairs of congruent angles and write a proportion that relates the corresponding sides.



Core Lesson

Determine whether the two figures are similar. If so calculate the scale factor and make a similarity statement.





LEARN

LLION

Core Lesson



Determine whether the two figures are similar. If so calculate the scale factor and make a similarity statement.

<G ≅ <B <H ≅ <C</pre><E </pre><D <</pre><F </p><A

GHEF 🔶 BCDA



In this lesson you have learned how to determine if two figures are similar by using a series of rigid transformations and dilations

