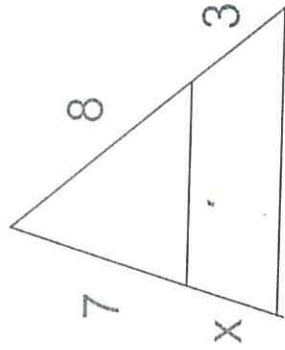


Problem 5

Solve for x . Show all work, steps.



Problem 6

Pentagon JKLMN ~ Pentagon DEFGH

List all the corresponding pairs of $\cong$ angles

Write an extended proportion relating all of the side ratios.

Problem 7

An 8 foot sign casts a shadow that is 5 feet long. A nearby building that is 32 feet tall has a shadow of what length?

Draw and label a picture.

Problem 8

Find the missing side lengths from similar polygons.

